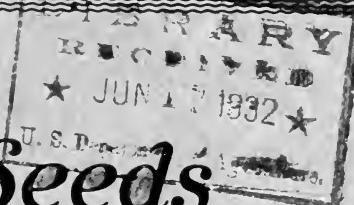


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6781  
**SEED CATALOG :: 1932**



*Field Seeds*  
*Garden Seeds*  
*Flower Seeds*



***ALCOMO FEEDS and  
Poultry Supplies***

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**Pioneer Seed & Grain Co.**  
**BURLEY, IDAHO**

Phone 28

Established 1909

Vegetable Seed Trials

JUN 14 1932

# PLANT PIONEER SEEDS FOR PROFIT

Our Seeds Are Adapted for Inter-Mountain Planting After  
Years of Close Study and Experiment

## IN ORDERING

IF POSSIBLE, USE OUR ORDER SHEET, filling out the blanks at the top. This will assist in the prompt filling of your order. Keep a copy of the order; in case of error, send in your copy and we will make prompt adjustment.

OUR TERMS are strictly cash with order. Remittance should be sent by postal or express money order, check or registered mail to insure safe arrival. Small amounts may be sent in stamps.

PRICES on garden and flower seeds usually hold good throughout the spring. We reserve the right to revise these prices after our present stocks are exhausted or late in the year.

PLEASE ORDER EARLY. Don't wait until some of our stocks are sold out, and you are rushed, and we are rushed. It is twice as hard to give satisfaction when everyone is in a hurry.

FIELD SEED AND FEED PRICES vary with the markets. If you are delayed in ordering, please send for a new price list.

MARKET GARDENERS AND LARGE PLANTERS should write for special price on large quantities.

We sell our seeds and other goods with the understanding that if not found perfectly satisfactory they may be returned at our expense and your money will be refunded.

OUR RESPONSIBILITY is well established. We invite you to refer to the Burley Bank & Trust Co., or our postmaster at Burley, Idaho.

EXPRESS OR FREIGHT is often cheaper than parcel post. Unless you specify how to ship we will ship by whichever way we believe to be the cheapest and best.

## WARRANTY

All seeds, plants and bulbs are subject to climatic and other conditions over which we have no control; therefore, we give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any seeds, plants or bulbs we send out, and we will not be in any way responsible for the crop.

## PARCEL POST

PARCEL POST RATES	First Pound or Fraction	Each Additional Pound or Fraction
Local .....	7c.....	1c
1st Zone .....	7c.....	1c
2nd Zone .....	7c.....	1c
3rd Zone .....	8c.....	2c
4th Zone .....	8c.....	4c
5th Zone .....	9c.....	6c
6th Zone .....	10c.....	8c
7th Zone .....	12c.....	10c
8th Zone .....	13c.....	12c

Local rate applies to Burley rural routes only. Limit of weight of each package for first three zones is 70 pounds; 4th to 8th zones 50 pounds. Do not forget to allow for weight of package, wrapping or bags.

PARCEL POST RATES AND NOTES. We will not send Plants, Bulbs, or any perishable items C. O. D. We will only ship seeds C. O. D. when double the amount of the transportation charges accompanies the order.

INSURANCE AND SAFE DELIVERY. We insure without extra charge and guarantee safe delivery of all seeds, whether shipped by mail, express or freight.

It is against the postal laws to ship poisons, such as poisonous insecticides, Semesan, or any seeds treated with mercuric disinfectants by mail. Please do not ask us to break the law.

ADDRESS ALL ORDERS TO

PIONEER SEED & GRAIN CO., BURLEY, IDAHO

**To Our Friends and Customers:**

In keeping with the low prices of agricultural commodities, we are offering our seeds this season at a much reduced price. In doing so we have not lowered our standard of quality. We adhere to our long established policy of buying only the best seeds obtainable, being thoroughly recleaned, plump, well matured and high in purity and germination, and keeping in mind strains especially adapted to this intermountain country.

Our old customers know of our high quality seeds, low prices and quick service. Our many new customers each year are likewise delighted. We hope you will study our catalog and favor us with your order, which will be given our prompt attention.

**PIONEER SEED & GRAIN CO., BURLEY, IDAHO.**

# Garden Seeds

After careful study and care we have selected and are listing only the standard varieties of high quality garden seeds, suitable for planting in the Intermountain region. Our garden seeds are of the highest type, grown for us by seedsmen specializing in this work. You will be pleased with the results obtained by planting our seeds.

\* \* \* \*

## ASPARAGUS

**CULTURE**—Sow seed in early spring in well drained soil, having a sun exposure, in rows 1 foot apart. Cover the seeds from  $\frac{1}{2}$  to  $\frac{3}{4}$  inch deep. Thin out seedlings to three or four inches in a row, saving only the strongest. The one year plants should be set out in the spring in good rich sandy soil 20 to 24 inches deep. Plenty of well rotted manure should be worked into the ground. One ounce of seed will plant 40 feet of drill.

**MARY WASHINGTON**—This is a rust resisting variety. It is very early and yields well. Pkt. 5c; oz. 15c; 1-4 lb. 40c. Postage paid.

**PALMETTO**—Bright green and very early. Large size, even and regular in growth and appearance. Pkt. 5c; oz. 15c; 1-4 lb. 40c. Postage paid.

## BEANS

**CULTURE:** Sow the early part of May when ground is warm and all danger of frost is over. Plant in drills about 2 inches deep and from 18 inches to 3 feet apart. 1 lb. to 100 feet of drill, 60 pounds to the acre.

### Green Pod—Bush Type

**BURPEE STRINGLESS GREEN POD**—Best green podded bean grown. Extra early, round fleshy pods, very brittle and entirely stringless. Good variety for canning. 1-2 lb. 20c; 1 lb. 30c; 4 lbs. \$1.00. Postage extra.

**EXTRA EARLY RED VALENTINE**—Plant makes a dwarf and compact growth. Vines 15 to 18 inches tall. Hardy, matures early and produces an excellent crop. Pods are 4 inches long, round and very fleshy. Good flavor.

1-2 lb. 20c; 1 lb. 30c; 4 lbs. \$1.00. Postage extra.

**GIANT STRINGLESS**—Handsome and productive. Matures about 5 days earlier than Burpee Stringless Green Pods. Pods straight, quite long and rather slender and stringless. Very popular for canning.

1-2 lb. 20c; 1 lb. 30c; 4 lbs. \$1.00. Postage extra.

### Yellow Pod—Bush Type

**ROUND POD KIDNEY WAX**—Without a doubt the best round pod yellow bean in existence. Matures early, fine flavor, very productive. We recommend this variety as the best yellow podded bean.

1-2 lb. 20c; 1 lb. 30c; 4 lbs. \$1.00. Postage extra.

**GOLDEN WAX**—Very hardy and productive. A second crop variety of good quality. Also very satisfactory as a dry bean.

1-2 lb. 20c; 1 lb. 30c; 4 lbs. \$1.00. Postage extra.

**PENCIL POD BLACK WAX**—A splendid variety for home use and market. Fine quality, long pods well filled with delicious beans of good flavor.

1-2 lb. 20c; 1 lb. 30c; 4 lbs. \$1.00. Postage extra.

**WARDELL KIDNEY WAX**—Standard variety, fine for market gardeners and home gardens.

1-2 lb. 20c; 1 lb. 30c; 4 lbs. \$1.00. Postage extra.

### Pole or Running Varieties

**KENTUCKY WONDER or OLD HOMESTEAD**—Very productive. Bears a fine crop of long, thick, almost straight pods from 8 to 9 inches long. Brittle, meaty and of good flavor. Matures early. Tall vines.

1-2 lb. 20c; 1 lb. 30c; 4 lbs. \$1.00. Postage extra.

**LAZY WIFE**—Best late green podded pole bean for dry shell use. When young have a rich buttery flavor. Heavy yielders.

1-2 lb. 20c; lb. 30c; 4 lbs. \$1.00. Postage extra.

### Bush Limas

**BURPEE BUSH LIMA**—Bush grows 18 to 24 inches tall. Produces a large handsome pod of fine flavor. Early variety.

1-2 lb. 20c; lb. 30c; 4 lbs. \$1.00. Postage extra.

**HENDERSON BUSH LIMA**—Grows from 18 to 20 inches high. Produces an enormous crop of beans with a true Lima flavor, buttery rich and tender. This variety matures early, bearing continually until frost.

1-2 lb. 20c; lb. 30c; 4 lbs. \$1.00. Postage extra.

### BEANS—Field

**GREAT NORTHERN or MONTANA WHITE**—This is the most popular variety on the market. Grown extensively in Idaho, Montana and Wyoming. Thousands of car loads are shipped from these districts every year. This is a wonderful bean, thin skin, mealy, cooks quickly and of very delicious flavor. Easy to grow and produces as high as 40 to 50 bushels to the acre under favorable conditions. Very popular on all markets. We especially recommend this bean for planting in this altitude. Our stock is selected from fields of high production. Plant 60 lbs. to the acre.

1 lb. 10c; 5 lbs. 20c; 100 lbs. \$2.00 (prices subject to market change without notice.) Postage extra.

**MEXICAN PINTO**—Very extensively grown in Colorado and produces well in Southern Idaho. Rich in flavor and heavy yielder. A splendid dry bean. 1 lb. 10c; 5 lbs. 25c; postage extra. For larger quantities write for special prices.

**RED CHILI**—Grown extensively in Southern Idaho. Heavy yielder, excellent for chili. Plant 60 lbs. to the acre. 1 lb. 10c; 5 lbs. 25c; 100 lbs. \$2.75. Postage extra.

### BEETS—Table

**CULTURE:** Plant as early in the spring as weather will permit. Manure soil heavily and harrow well, making a fine mulch. Use drag or float to settle so as to crush the clods and settle the surface. One ounce plants 100 feet of drill.

**EARLY WONDER**—Very early. The flesh is a beautiful deep red and uniform. Tops are small and erect. Best early sort for home garden.

Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. 90c. Postage paid.

**EARLY BLOOD TURNIP**—The roots are of good form, round. One small tap root, flesh deep blood red, very sweet and tender. Early variety.

Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. 90c. Postage paid.

**CROSBY'S EGYPTIAN**—Extremely early. The shape is nearly round. Very smooth. A rich red, fine grained, of extra quality. Uniform in shape.

Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. 90c. Postage paid.

**DETROIT DARK RED**—The tops are small, roots are globe shape. Very smooth. Flesh deep red. Especially good for canning.

Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. 90c. Postage paid.

**SWISS CHARD**—Grown extensively for greens. Replaces spinach during the hot weather. Sow seed during April or May in drills 16 to 20 inches apart. Leaves are large white ribbed. May be creamed like asparagus. One ounce to 100 feet of drill.

Pkt. 5c; oz. 10c; 1-4 lb. 30c; lb. 90c. Postage paid.

### BEETS—Mangel Wurzel

**GIANT RED ECKENDORF**—Heavy yielder—grows mostly above the surface of the ground. Easy to harvest. Fine for stock feeding. Plant 6 to 8 lbs. per acre.

lb. 35c; 5 lbs. \$1.50; 100 lbs. \$28.00. Postage extra.

**MAMMOTH LONG RED**—This is the heaviest cropping and largest of all mangels. Under favorable conditions yields 45 to 50 tons per acre. Roots grow one-half above the surface of the ground. Easy to harvest.

lb. 30c; 5 lbs. \$1.40; 100 lbs. \$25.00. Postage extra.

**GOLDEN TANKARD**—A smooth, yellow flesh mangel. Heavy yielder, easily harvested. Excellent keeper, extensively grown for livestock feeding.

lb. 30c; 5 lbs. \$1.40; 100 lbs. \$25.00. Postage extra.

**GIANT HALF SUGAR**—Long, thick, web-shaped roots 10 to 12 inches long. Upper portion bright rose, lower pure white. Rich in sugar. Yields tremendous crop. Lb. 35c; 5 lbs. \$1.50; 100 lbs. \$28.00. Postage extra.

**DANISH SLUDSTRUP**—Heavy yielder, grown extensively by dairymen. Roots large reddish yellow.

lb. 30c; 5 lbs. \$1.40; 100 lbs. \$25.00. Postage extra.

### BRUSSELS SPROUTS

**BRUSSELS SPROUTS**—Grows 2 or 3 feet high and produces from the sides of the stalks numerous little sprouts which resemble small cabbage.

Pkt. 5c; oz. 25c; 1-4 lb. 90c. Postage paid.

### BROCCOLI

**EARLY LARGE WHITE**—Grows like cauliflower. Delicious flavor.

Pkt. 5c; oz. 35c; 1-4 lb. \$1.00. Postage paid.

### CABBAGE

**CULTURE:** Seed may be sown early in hot-beds and plants set out when all danger of frost is over. Or seed can be planted in the open when ground is warm. One ounce of seed will produce 3000 plants.

**GOLDEN ACRE**—Very early variety. Heads small and uniform. Very firm and crisp. Excellent variety for home gardener.

Pkt. 5c; 1-4 oz. 10c; oz. 25c; 1-4 lb. 75c; postpd.

**EARLY JERSEY WAKEFIELD**—This is the earliest and surest head of the pointed head types.

The heads are of medium size, very solid, excellent quality. A dependable sort for early market. Pkt. 5c; 1-2 oz. 15c; oz. 25c; 1-4 lb. 75c; postpaid.

**EARLY WINNINGSTADT**—A second early of the pointed head varieties. Leaves dark green slightly glossy and tightly folded. Very hardy. Pkt. 5c; 1-2 oz. 15c; oz. 25c; 1-4 lb. 75c; postpaid.

**COPENHAGEN MARKET**—Fine quality with round head averaging about 8 lbs. in weight. They are very solid and have a small core. Very popular variety of the early sort. Pkt. 5c; 1-2 oz. 15c; oz. 25c; 1-4 lb. 85c; postpaid.

**EARLY DWARF FLAT DUTCH**—Popular round head of second early variety. Solid heads carried on good short stems. Extensively grown for sauerkraut.

Pkt. 5c; 1-2 oz. 15c; oz. 25c; 1-4 lb. 75c; postpaid.

**PREMIUM LATE FLAT DUTCH**—A late fall or winter variety. A favorite in many growing sections. Large flattened heads, very solid. Keeps well throughout the winter.

Pkt. 5c; 1-2 oz. 15c; oz. 25c; 1-4 lb. 75c; postpaid.

**DANISH BALLHEAD**—The most popular cabbage for winter use. Large solid round heads of excellent keeping quality.

Pkt. 5c; 1-2 oz. 15c; oz. 25c; 1-4 lb. 75c; postpaid.

**MAMMOTH RED ROCK**—Large solid, deep red heads. Good keepers. Especially fine for pickling.

Pkt. 5c; 1-2 oz. 15c; oz. 25c. Postage paid.

## CARROTS—Table

**CULTURE:** Sow in early spring as soon as ground is in good working condition. Carrots do best in sandy loam. May be sown as late as the middle of June. Sow in rows 15 inches apart, covering one-half inch deep. One ounce sows 150 feet of drill. 3 pounds to the acre.

**CHANTENAY**—An excellent variety. The roots taper gradually and evenly throughout the entire length. Flesh a beautiful deep golden orange. Fine texture, tender and very sweet.

Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. 75c. Postage pd.

**OXHEART**—Roots short and stubby, measure 3 to 4 inches long. Free from core and fibre. Always sweet and very tender.

Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. 75c. Postage pd.

**DANVER HALF LONG**—Well known variety. Of uniform size and shape. Roots measure 6 inches long, diameter 2 to 2 1-2 inches near the crown. Flesh rich orange with light orange center. Heavy yielder and often grown for livestock feeding.

Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. 75c. Postage pd.

**NEW CORELESS**—A splendid new carrot larger than other early varieties. Crisp and solid, fine flavor and almost coreless. Cooks quickly. Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.00; postage pd.

## CARROTS—Stock

**WHITE MASTODON**—A very profitable white variety to grow for stock feeding. Yields as high as 40 tons per acre under favorable conditions. Sheep and livestock feeders favor this variety most. Extensively used in feed lots. Plant 3 lbs. to the acre.

Oz. 10c; lb. 70c; 5 lbs. \$3.25; 10 lbs. \$6.00; postpd. (For larger quantities write for special price.)

**LARGE WHITE BELGIAN**—Attractive white roots tinged with green at the top. Grows entirely under the ground. For livestock feeding. Oz. 10c; lb. 70c; 5 lbs. \$3.25; 10 lbs. \$6.00; postpd. (For larger quantities write for special price.)

**LARGE YELLOW BELGIAN**—Large yellow variety for livestock feeding. Flesh almost light orange. Heavy yielder.

Oz. 10c; lb. 70c; 5 lbs. \$3.25; 10 lbs. \$6.00; postpd. (For larger quantities write for special price.)

## CAULIFLOWER

**CULTURE:** For early crop start the seed indoors and set plants out in the open about the end of April. One ounce will give from 1000 to 1500 good strong plants.

**SNOWBALL**—A popular extra early variety of dwarf and compact growth. Fine solid heads of good size and well rounded form. Heads are pure white and of excellent quality.

Pkt. 15c; 1-4 oz. 60c; oz. \$2.00. Postage paid.

**DANISH DRY WEATHER**—Drouth resisting, early and of foremost quality. Produces solid pure white heads. Dry Weather is particularly adapted for growth in dry locations when all other varieties fail to make good heads.

Pkt. 15c; 1-4 oz. 60c; oz. \$2.00. Postage paid.

## CELERY

**CULTURE:** For early crop sow in hot-beds during February and March. Celery likes rich well manured soil and plenty of moisture so it can make a continuous growth. One ounce will produce 8000 plants.

**WHITE PLUME**—Earliest and most easily blanched, but does not keep well. Popular for early market. Pkt. 5c; oz. 30c. Postage paid.

**GIANT PASCAL**—This is a standard winter celery of vigorous, compact growth. Stalks are short and thick, tender, crisp and very tasty. Pkt. 5c; oz. 30c. Postage paid.

**GOLDEN SELF BLANCHING**—Makes a heavy and tall growth. Hearts are tender and well blanched. Early variety. Pkt. 10c; oz. 50c. Postage paid.

## CELERIAC

**CELERIAC**—Turnip-rooted celery. Pkt. 5c; oz. 25c. Postage paid.

## CHIVES

**CHIVES**—For flavoring soups and salads. Pkt. 10c. Postage paid.

## CHICORY

**CHICORY**—Substitute for coffee. Pkt. 5c; oz. 25c; 1-4 lb. 85c. Postage paid.

## SWEET CORN

**CULTURE:** One pound to 400 hills, 12 pounds per acre. There is nothing much better than roasting ears fresh from your garden.

**GOLDEN BANTAM**—This variety is undoubtedly the earliest and most popular sweet corn on the market. Ears measure 5 to 6 inches long with broad deep golden yellow kernels containing an abundance of juicy, sweet pulp. Our seed stock is of special fine strain, being grown by an exclusive grower.

Pkt. 10c; lb. 20c; 4 lbs. 75c; postage extra.

**GOLDEN GIANT**—This variety is a cross between the Golden Bantam and the Howling Mob. It matures a week later than the Golden Bantam, produces ears 8 inches long set with 16 to 18 rows of luscious kernels of a distinct creamy yellow.

Pkt. 10c; lb. 20c; 4 lbs. 75c; postage extra.

**EARLY MINNESOTA**—Standard early variety of strong growth with 8-row white ears about 8 inches long. Broad, sweet kernels.

Pkt. 10c; lb. 20c; 4 lbs. 75c; postage ex'ra.

**STOWELL'S EVERGREEN**—A late variety. Produces attractive large ears 8 to 9 inches long, of pure white kernels. Good quality.

Pkt. 10c; lb. 20c; 4 lbs. 75c; postage extra.

**EARLY PORTLAND MARKET**—One of the earliest large ear varieties. Large, sweet, plump kernels of purest white on well filled ears. A good market variety.

Pkt. 10c; lb. 20c; 4 lbs. 75c; postage extra.

**CORY'S EARLY**—12-rowed, white, mid-season variety with ears 7 inches long. Good for market and of sweet flavor.

Pkt. 10c; lb. 20c; 4 lbs. 75c; postage extra.

**COUNTRY GENTLEMAN OR SHOE PEG**—Very productive mid-season variety, large ears, irregularly arranged. Ears measure 7 to 8 inches.

Unusually fine quality, good for canning.

Pkt. 10c; lb. 20c; 4 lbs. 75c; postage extra.

## POP CORN

**BLACK PERFECTION**—An early variety and heavy yielder, large ears with round black kernels. When popped the kernels are very large, tender and rich with the pop corn flavor. Splendid variety for home use.

Pkt. 10c; lb. 15c; 5 lbs. 60c. Postage extra.

**GOLDEN CREAM**—Long kernels pointed at the end. Heavy yielder, a good popper. Tender and sweet.

Pkt. 10c; lb. 15c; 5 lbs. 60c. Postage extra.

## CRESS or PEPPER GRASS

Grows very quickly, fine as an addition to salads. Pkt. 5c; oz. 10c; 1-4 lb. 30c.

## CUCUMBERS

**CULTURE:** In most sections it will be best to make two sowings: one early in the spring, as the weather permits, to supply fruit for table use during the summer months; and the second about the latter part of June or first of July to furnish fruit for fall. One ounce is sufficient for 100 hills. One to two pounds per acre.

**DAVIS PERFECT**—Fruit is 7 to 9 inches long and 2½ inches through the middle. Slightly tapered at both ends. Skin rich green, flesh solid. Seed cavity extremely small.

Pkt. 5c; oz. 15c; 1-4 lb. 45c; lb. \$1.25; postpaid.

**EARLY WHITE SPINE**—Fruit of handsome appearance, slightly pointed at the ends. Skin smooth dark green. Very productive. Unequaled for slicing or for pickling.

Pkt. 5c; oz. 15c; 1-4 lb. 45c; lb. \$1.25; postpaid.

**IMPROVED LONG GREEN**—Fruit long, uniform, green appearance. Grows from 8 to 10 inches long. Crisp and a fine quality. Excellent for slicing.

Pkt. 5c; oz. 15c; 1-4 lb. 45c; lb. \$1.25; postpaid.

**SNOW PICKLING**—Small fruit uniform in size, early and highly recommended for pickles.

Pkt. 5c; oz. 15c; 1-4 lb. 45c; lb. \$1.25; postpaid.

**BOSTON PICKLING**—Color bright green; fruit averages 4 to 5 inches in length. This variety is especially fine for pickling.

Pkt. 5c; oz. 15c; 1-4 lb. 45c; lb. \$1.25; postpaid.

**JAPANESE CLIMBING**—An unusual variety for growing on trellis or wire. The cucumbers are long and of a dark green color, flesh white. Crisp and of good flavor.

Pkt. 5c; oz. 15c; 1-4 lb. 45c; lb. \$1.25; postpaid.

## ENDIVE

**CULTURE:** Very fine in salads. Seed should be sown in open ground beginning with the end of March until early June. Sow one ounce to 500 feet of drill.

**GREEN CURLED**—Leaves large, giving feathery effect. Rich green in color.

Pkt. 5c; oz. 15c; 1-4 lb. 40c. Postage paid.

**WHITE CURLED**—Leaves finely curled or mossed. Attractive light color. Deliciously crisp flavor.

Pkt. 5c; oz. 15c; 1-4 lb. 40c. Postage paid.

## EGG PLANT

**CULTURE:** Start seed indoors in fine loose soil. Transplant and set out when all danger of frost is over. Thrives best in rich sandy warm soil. One ounce gives 1500 plants.

**NEW YORK IMPROVED**—Large purple fruited. Spineless variety with eggs 4 to 6 inches long. Very productive.

Pkt. 5c; 1-4 oz. 20c; oz. 50c. Postage paid.

**BLACK BEAUTY**—Earliest and best of all. Large fruited egg plants. Enormous size. Heavy

yielder. Fruit egg shape, purplish black skin.  
Pkt. 5c; 1-4 oz. 20c; oz. 50c. Postage paid.

## KALE OR BORECOLE

**CULTURE:** Sow seeds from early spring until middle of August. One ounce sows 500 feet of drill.

**TALL GREEN CURLED OR SCOTCH**—Grows three feet tall with narrow, fine curled and beautiful fringed leaves. Color bright green.

Pkt. 5c; oz. 20c; 1-4 lb. 60c. Postage paid.

## KOHL RABI OR TURNIP ROOTED CABBAGE

**CULTURE:** Sow seed thinly in rows early in the spring, covering with 1-2 to 1 inch of fine soil. Does best in rich loamy soil. One ounce to 300 feet of drill.

**EARLY WHITE VIENNA**—A very selected extra early top strain. Flavor of roots distinctly sweet. Grows 2 to 3 inches in diameter.

Pkt. 5c; oz. 25c; 1-4 lb. 75c. Postage paid.

## LEEK

**CULTURE:** Sow indoors during March and set out in furrows 4 to 5 inches deep. One ounce to 200 feet of drill.

**LARGE LONDON**—A strong growing variety producing large thick stems. Sweet flavor, excellent in stews and soup.

Pkt. 5c; oz. 25c. Postage paid.

## LETTUCE

**CULTURE:** Sow out of doors early spring or late summer. Lettuce develops best during cool weather. One ounce to 400 feet of drill, 3 pounds to the acre.

## Loose Head and Curled Varieties

**EARLY PRIZEHEAD**—Medium large plant composed of many curly leaves. Leaves are bright green shaded with light brown, crisp, sweet and tender.

Pkt. 5c; oz. 15c; 1-4 lb. 45c; lb. \$1.25; postage pd.

**EARLY CURLIED SIMPSON**—Large plants with light green leaves which are well crumpled and fringed at the edge. Brittle, excellent flavor, tender and juicy. Grows quickly. Fine for spring and early summer use.

Pkt. 5c; oz. 15c; 1-4 lb. 45c; lb. \$1.25; postage pd.

**BLACK SEEDED SIMPSON**—Non-heading variety. Light green color. Early, crisp and of especially good flavor.

Pkt. 5c; oz. 15c; 1-4 lb. 45c; lb. \$1.25; postage pd.

## Head Lettuce

**NEW YORK or LOS ANGELES MARKET**—The heads grow to immense size. Closely folded outer leaves, rich deep green. Inner portion is blanched to a beautiful white. Grown extensively

for city markets. The heart is crisp, juicy and of a most appealing flavor.

Pkt. 5c; oz. 20c; 1-4 lb. 65c; lb. \$2.35; postpaid

**NEW YORK NO. 12**—An improved strain. Its earliness, large size, and great solidity place it ahead of other strains. Under good conditions it matures in 65 days. Splendid for mid-summer planting.

Pkt. 5c; oz. 20c; 1-4 lb. 65c; lb. \$2.35

**HANSEN HEAD**—A large sure header of a clear light green color. Excellent for mid-summer planting. Crisp, mild and tender, with a solid well blanched head.

Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.25; postpaid.

## MUSKMELON

**CULTURE:** Plant seed after the soil has warmed up and the weather is settled, about the middle of May. Muskmelons do best in sandy loam soil well manured. One ounce of seed will plant 40 to 50 hills.

**SALMON TINTED POLLOCK CANTALOUPE 10-25**—These melons are solidly netted, without ribs, uniform in size and shape. Do not develop soft spots. The flesh is a rich salmon changing to green near the rind. Flesh sweet and appetizing.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**BURRELL GEM**—This is an abundant yielder, often producing 15 to 20 melons per hill. The meat is a rich golden color, very thick and fine grained. The flavor cannot be excelled.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**OSAGE or MILLER'S CREAM**—Fruit medium size, oval, slightly ribbed. Flesh deep salmon color, very thick. Quality exceptionally fine.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**EMERALD GEM**—Very early. A richly flavored melon. Salmon colored flesh. Fine flavor, very sweet and luscious.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**NETTED NUTMEG**—Small. Very early. Melons round, flattened at the end, uniform in shape, slightly ribbed and finely netted. Flesh bright green and sweet.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**BANANA**—Grows about 20 inches long and 4 to 6 inches thick. Of banana-like, sweet flavor. The flesh is a bright and luscious salmon tint.

Pkt. 10c; oz. 20c; 1-4 lb. 60c; lb. \$2.00; postpaid.

**HEARTS OF GOLD**—An excellent shipping melon. Grows about 6 inches in diameter and 6 inches in length. Flesh beautiful salmon. Ripens close to the rind.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**HONEY DEW**—Melons grow to 7 inches in length and 7 inches in diameter. Skin smooth, creamy yellow. Flesh light green, fine grained, very juicy. Rich fruity flavor.

Pkt. 5c; oz. 20c; 1-4 lb. 50c; lb. \$1.50. Postpaid.

**GREELEY WONDER**—This is a very early variety. Grows to an enormous size. Flesh is green, very sweet, delicious flavor, very juicy. A splendid variety for home gardening.

Pkt. 5c; oz. 20c; 1-4 lb. 50c; lb. \$1.50. Postpaid.

**HALIE'S BEST**—An extra early sort. Especially adapted for this locality. Melons large, well netted, oblong and very solid. Flesh deep salmon. Of extra good quality. We recommend this melon as one of the best varieties for this section.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.50; postpaid.

## WATERMELON

**CULTURE:** Soil for watermelons must be light, rich and sandy, assuring early melons of good quality. Plant when danger of frost is over. Drop 8 to 10 seeds in each hill from 8 to 10 feet apart, covering  $\frac{3}{4}$  inch.

**KLECKLEY SWEET**—Finest of all medium early watermelons for home use. Rind thin, fruit uniform in size, oblong in form. Flesh bright scarlet, solid core, sweet and sugary.

Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.00. Postpaid.

**COLE'S EARLY**—Very early variety. Medium size and nearly round in form. Skin dark green striped with light green. Flesh deep pink. Excellent quality.

Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.00. Postpaid.

**HALBERT HONEY**—Sweetest of all watermelons. They are long, measuring 18 to 20 inches in length, 6 to 8 inches in diameter. Color of skin deep green. Flesh beautiful crimson color. Delicious and good to the rind.

Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.00. Postpaid.

**TOM WATSON**—Large oblong melon. Skin is dark green with thick netting. Grows 18 to 24 inches long, 10 to 12 inches in diameter. Flesh bright attractive red color. Crisp, sweet and delicious.

Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.00. Postpaid.

**SWEETHEART**—Remains in condition for use longer than other varieties. Fruit early, large, oval and very solid. Flesh bright red, tender and sweet.

Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.00. Postpaid.

**FORDHOOK EARLY**—An excellent, quick growing melon that will mature in sections too cool for most varieties. Luscious pink flesh. Matures in 85 days under normal conditions.

Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.00. Postpaid.

**KLONDIKE**—One of the finest watermelons for home garden. Flesh deep red of excellent quality. Color of rind dark green, slightly ribbed when ripe. Oblong in shape.

Pkt 5c; oz. 20c; 1-4 lb. 50c; lb. \$1.50; postpaid.

**KING & QUEEN**—A winter melon. Hard shell, will keep for 90 days when not bruised. A good drouth resister. Flesh pink, sweet and sugary.

Pkt. 5c; oz. 15c; 1-4 lb. 35c; lb. \$1.00. Postpaid.

## MUSTARD

**CULTURE:** Sow the seed as early in the spring as weather permits and make succession sowing every ten days up to the time the weather becomes hot. One ounce will plant 600 feet of drill.

**SOUTHERN GIANT**—Produces a heavy crop of tasty and wholesome greens. Serves the same purpose as spinach.

Pkt. 5c; oz. 15c; 1-4 lb. 35c. Postage paid.

## OKRA OR GUMBO

**CULTURE:** Sow when all danger of frost is over. One ounce will sow a 75-foot row. Used principally in soups.

**EARLY DWARF**—Prolific, thick, fleshy pods, tender fine flavor.

Pkt. 5c; oz. 15c; 1-4 lb. 35c. Postage paid.

**WHITE VELVET**—Very early. A strong, tall growing variety. Tender pods.

Pkt. 5c; oz. 15c; 1-4 lb. 35c. Postage paid.

## ONIONS

**CULTURE:** Sow in early spring, as soon as ground is in condition to work. For best results seed should be sown on land manured heavily in the fall. Sow 1 ounce to 100 feet of drill, 3 to 4 pounds to the acre. For larger quantities write for special prices.

### White Varieties

**WHITE BARLETTA**—This variety is most distinct on account its earliness. Bulbs beautiful white waxy color. Grows  $1\frac{1}{4}$  inch in diameter and  $\frac{3}{4}$  inch thick. An excellent bunching and pickling sort.

Pkt. 5c; oz. 25c; 1-4 lb. 75c; lb. \$2.50; postpaid.

**WHITE PORTUGAL or SILVERSKIN**—Bulbs medium size, ripen early and uniformly. Beautiful, clear white skin, flat, good keepers. Mild flavor. Extensively used for pickles.

Pkt. 5c; oz. 25c; 1-4 lb. 75c; lb. \$2.50; postpaid.

**SOUTHPORT WHITE GLOBE**—Pure white, thin skin. The flesh is crisp, fine grained and mild. A good keeper.

Pkt. 5c; oz. 25c; 1-4 lb. 75c; lb. \$2.50; postpaid.

**CRYSTAL WHITE WAX BERMUDA**—This new variety is a large, pure white, flat onion. Very mild and sweet. Fine for slicing.

Pkt. 5c; oz. 40c; 1-4 lb. \$1.00; lb. \$3.75. Postage paid. (For larger quantities write for special prices.)

**WHITE SWEET SPANISH**—Like the yellow sweet spanish in shape, size and habits of growth. Takes a little longer time for maturing. Good keeper and good shipper.

Pkt. 10c; oz. 35c; 1-4 lb. \$1.00; lb. \$3.75.

### Yellow Varieties

**SWEET SPANISH (Riverside Strain)**—This is a genuine Sweet Spanish onion, distinct type and superior strain. Very large, globe shape, light yellow onion with small tops. Especially fine

shipper. Unusually mild, altho retains the genuine onion flavor. A heavy yielder.

Pkt. 10c; oz. 25c; 1-4 lb. 75c; lb. \$2.75; postpaid.

**MOUNTAIN DANVER**—This onion is between the flat and globe shape. Especially adapted for high altitude. Very productive, good keeper, extensively grown in Southern Idaho for shipping.

Pkt. 5c; oz. 20c; 1-4 lb. 60c; lb. \$2.00; postpaid.

**PRIZETAKER**—A perfect globe shape. Very productive, attractive in appearance. Mild in flavor, can be successfully grown in any locality. Color bright straw. Small necks.

Pkt. 5c; oz. 20c; 1-4 lb. 60c; lb. \$2.00; postpaid.

**YELLOW BERMUDA**—Light straw yellow skin and pure white flesh. Very popular variety.

Pkt. 10c; oz. 30c; 1-4 lb. \$1.00; lb. \$3.75—postage paid.

### Red Varieties

**RED WETHERSFIELD**—A large flat onion, although thick through. Outer skin deep, rich purple, smooth and glossy. Flesh is white, slightly tinged with pinky rose near the skin. Onion solid, mild in flavor.

Pkt. 5c; oz. 20c; 1-4 lb. 60c; lb. \$1.90; postpaid.

### ONION SETS

We handle sets of the very best quality, which should not be confused with the cheap and undesirable kind so often sold on the market.

### Yellow Sets

These sets will mature into handsome large onions or can be used early as green onions. Our sets are of even size and well ripened.

Lb. 15c; 5 lbs. 65c. Postage extra.

### White Sets

These sets are grown from the best strain of White Silverskin onion seed. They are of the highest quality and are sure to yield well.

Lb. 20c; 5 lbs. 90c. Postage extra.

### Red Sets

Uniform in size, fine for green onions or if left to mature will produce large onions of good quality.

Lb. 15c; 5 lbs. 65c. Postage extra.

### ONION PLANTS

For early planting and quick maturing onions, the new method of setting out onion plants shipped in from Texas has proven very satisfactory. These plants are hardy and can be set out as soon as the ground is in shape to work. This season our growers in Texas are supplying us with White and Yellow Bermuda and Sweet Spanish varieties. Very desirable for early green onions, or if left in the ground until fall will mature into large onions.

100, 25c; 200, 45c; 500, \$1.00; 1000, \$1.75; 6000, \$7.00. Postage extra.

### PARSLEY

**CULTURE:** Easily grown. Parsley thrives well in either sun or shade and does not require any particular kind of soil. One ounce plants 250 feet of row.

**CHAMPION MOSS CURLED**—Leaves are of extra dark green color. Very productive.

Pkt. 5c; oz. 15c. Postage paid.

### PARSNIP

**CULTURE**—Work the soil very deep and pulverize the surface thoroughly. Sow the seed early spring  $\frac{3}{4}$  inch deep, in rows 12 to 18 inches apart. Firm the soil well after the seed is planted. One ounce plants 200 feet of row.

**HOLLOW CROWN**—An old-time favorite. Roots very smooth and firm. Most popular variety, none better.

Pkt 5c; oz. 15c; 1-4 lb. 35c; lb. 90c; postpaid.

### PEAS

Our peas are grown from the finest quality obtainable, at St. Anthony, Idaho. They are carefully reclaimed and of hand-picked stock, free from weevil and other damaging pests. For larger quantities write for special prices.

**CULTURE:** Sow the hardy round seeding varieties in the spring as soon as the ground is fit to work. For later sowing the wrinkled varieties are preferred. Succession sowing should be made at intervals of 10 to 14 days during cool weather. One pound will plant a 75-foot row, 120 pounds per acre.

**ALASKA**—Early smooth variety, maturing in 55 days. Vines 30 to 36 inches tall, pods 2 to 3 inches long, containing 5 to 6 peas. Best extra early variety.

Pkt. 10c; lb. 25c; 5 lbs. \$1.00 Postage extra.

**PREMIUM GEM**—A second early, very productive. Matures in 65 days. Height of vines about 20 inches. Pods about 3 inches long with 5 to 7 peas in a pod. A very popular, reliable variety.

Pkt. 10c; lb. 25c; 5 lbs. \$1.00 Postage extra.

**GRADUS or PROSPERITY**—An extra early, large podded, wrinkled variety. Matures in 62 days. Pods very large, about  $4\frac{1}{2}$  inches long, well filled with peas of splendid quality. Height of vines 3 to  $3\frac{1}{2}$  feet.

Pkt. 10c; lb. 25c; 5 lbs. \$1.00 Postage extra.

**AMERICAN WONDER**—One of the earliest of the green wrinkled varieties. Matures in about 60 days. Vines 10 to 13 inches high. Very prolific. Pods 2 to 3 inches long, containing 5 to 8 sweet flavored peas.

Pkt. 10c; lb. 25c; 5 lbs. \$1.00 Postage extra.

**LAXTONION**—This is the largest, handsomest podded, dark green, dwarf vine pea, growing more in favor every year. Early variety, maturing in 65 days. We recommend this variety as one of the best for this locality.

Pkt. 10c; lb. 25c; 5 lbs. \$1.00 Postage extra.

**LITTLE MARVEL**—Vine strong and vigorous, growing 18 inches tall. Early variety, maturing in about 64 days. Pods 3 to 4 inches long, blunt ends. Very productive. Good quality and excellent flavor.

Pkt. 10c; lb. 25c; 5 lbs. \$1.00 Postage extra.

**IMPROVED STRATEGEM or POTLATCH**—A second early, maturing in 75 days. Height of vine 20 to 24 inches. Pods about 4 inches long. This variety is a great favorite because of its large, handsome pods, well filled with peas of good quality.

Pkt. 10c; lb. 25c; 5 lbs. \$1.00 Postage extra.

**DWARF TELEPHONE**—A second early. Matures in about 70 days. Vines about 20 inches high. Stems very thick and sturdy, broad leaves, pods about 4½ inches long. A heavy yielder. Peas of the finest quality.

Pkt. 10c; lb. 25c; 5 lbs. \$1.00 Postage extra.

**TALL TELEPHONE**—Matures in about 80 days. Height of vines 4 feet. Pods about 4½ inches long. Dark green. One of the best late, large podded varieties. Very popular with the market gardener as a late variety on account of its fine appearance and quality.

Pkt. 10c; lb. 25c; 5 lbs. \$1.00 Postage extra.

**EVERBEARING or YORKSHIRE HERO**—Matures in about 70 days. Peas large and of good quality. Height of vines about 30 to 36 inches. Most of the pods borne at the top of the vine. Pods 2½ to 3 inches long.

Pkt. 10c; lb. 25c; 5 lbs. \$1.00 Postage extra.

**ALDERMAN**—Matures 80 days. Telephone type. Pods large, range about 5½ inches long, from 5 to 7 peas to the pod. Very productive. Excellent sort for home or market gardens.

Pkt. 10c; lb. 25c; 5 lbs. \$1.00; postage extra.

## FIELD PEAS

**CANADIAN**—This is a smooth, small, round variety. Can be planted in early spring as soon as ground is in condition to work. Height of vine 3½ to 4 feet. Heavy yielder. Grown extensively by livestock growers. When sheep and hogs are fed peas, the meat is of excellent quality. Plant 125 pounds to the acre.

Lb. 10c; 3 lbs. 25c; 100 lbs. \$5.00. Postage extra.

## PEPPERS

**CULTURE:** The pepper is a tender plant and cannot endure frost. Seed should be sown in February or March in a warm hot-bed or in boxes placed in the window of a warm room. The seed requires plenty of moisture and warmth to germinate. Plants should be set out in the open in May when the ground is warm and all danger of frost is over. One ounce will produce 1500 plants, 3 ounces for setting out an acre.

**CHINESE GIANT**—Makes a vigorous growth, develops into a heavy and stubby bush about 2 feet in height. The large dark green fruit changes into a brilliant scarlet red when it reaches maturity. Four to 5 inches broad and fully as long.

The mild and sweet flesh is the thickest found in any of the large peppers.

Pkt. 5c; 1-4 oz. 20c; oz. 50c. Postage paid.

**BELL or BULL NOSE**—Vines grow 2 feet high. Very prolific. Fruit ripens quite early. Color rich scarlet. Three inches in length, 2 inches in diameter. Sweet and mild. Popular for pickling.

Pkt. 5c; 1-4 oz. 20c; oz. 50c. Postage paid.

**RUBY KING**—Very productive. Bears a fine crop of bright ruby red fruit, measuring 6 to 8 inches long and 4 inches thick. The fruits are mild and very pleasant in flavor. The flesh is unusually thick and may be eaten like an apple.

Pkt. 5c; 1-4 oz. 20c; oz. 50c. Postage paid.

**LONG RED CAYENNE**—The fruits are narrow, about ¼ inch thick and 3 inches long. They are borne in great abundance all over the bushes. The fruits are very hot. Easily strung up and dried for winter use.

Pkt. 5c; 1-4 oz. 20c; oz. 50c. Postage paid.

**PIMENTO**—This is a very sweet pepper, excellent for salads or canning. Round, pointed, very thick flesh. Grown extensively by canners and market gardeners.

Pkt. 5c; 1-4 oz. 20c; oz. 50c. Postage paid.

## PUMPKINS

**CULTURE:** An easy crop to grow. Plant when ground is warm and all danger of frost is over, in hills 10 feet or more apart. One ounce will plant 25 hills, 4 pounds per acre.

**SMALL SUGAR or PIE**—The fruits are of medium size averaging about 10 inches in diameter. Almost round and slightly ribbed. The skin is deep orange yellow. The flesh is a rich orange, meaty, sweet, fine grained and of superb flavor. Fine for winter use.

Pkt. 5c; oz. 15c; 1-4 lb. 30c; lb. \$1.00. Postage pd.

**CONNECTICUT FIELD**—Immensely productive, rich orange colored field pumpkin. Is usually grown for stock feeding but it also makes good pie.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 75c. Postage paid.

**KING OF MAMMOTH**—The largest pumpkin grown, often weighs as high as 200 lbs. A prize winner. The flesh is fine grained and the quality excellent. The flesh and skin are of a bright yellow color. Notwithstanding the large size, it is a fine variety for pies. A splendid keeper.

Pkt. 5c; oz. 15c; 1-4 lb. 50c; lb. \$1.25; postpaid.

## RADISHES

**CULTURE:** Sow seed half an inch deep in the early spring in rows one foot apart. Grows faster in fertile soil. For succession crop sow every ten days throughout the season. One ounce plants 100 foot row. Radishes grow very quickly and if not supplied with sufficient moisture will likely be pithy.

**EARLY SCARLET WHITE TIP**—Early, fine

shaped radish. Fruit matures very early, is sweet, crisp, mild and appetizing.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c; postpaid.

**EARLY SCARLET TURNIP**—Round, solid red, turnip shaped. Grows quickly. Flesh white, crisp and tender.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c; postpaid.

**FRENCH BREAKFAST**—Bright rosy scarlet shading to a clear white in the lower portion. Flesh white, firm, crisp, mild and tender. Oval shape.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c; postpaid.

**CRIMSON GIANT GLOBE**—This is an early, deep crimson variety ready for market in four to five weeks. Flesh firm, crisp, juicy and mild flavor.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c; postpaid.

**EARLY LONG SCARLET SHORT TOP**—Long red roots about 6 inches in length. Skin is red, matures quickly. Flesh white, crisp and very juicy.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c; postpaid.

**WHITE ICICLE**—This is the finest of all long radishes. Pure white, delicious, crisp flesh always tender, juicy and agreeably snappy. The roots grow to good size and are the shape of an icicle.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c; postpaid.

## Winter Varieties

Make your first planting the middle of June, the second the middle of July and third the middle of August.

**WHITE CHINESE**—Grows to an enormous size. Roots are white, 12 to 15 inches long. Flesh is crisp, juicy and tender. Mild flavor.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c; postpaid.

**CHINESE ROSE**—Skin deep rose. Medium size, 4 to 5 inches long. Flesh pure white, firm and compact. Free from hard fiber or strings. Easily stored for winter.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c; postpaid.

**LONG BLACK SPANISH**—The roots measure 7 to 10 inches long, 2 to 3 inches thick. Skin is black, flesh pure white. Keeps well all winter if stored in frost proof cellar.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 85c; postpaid.

## RHUBARB

**CULTURE:** The seed should be sown in a shallow drill. Use 1 ounce to 150 feet of row. When well started thin to stand 10 to 12 inches apart.

**VICTORIA**—The most popular variety. Comes true and yields heavily.

Pkt. 5c; oz. 20c. Postage paid.

## SALSIFY OR OYSTER PLANT

**CULTURE:** Sow the seeds thinly in shallow drills early in the spring.

**MAMMOTH SANDWICH ISLAND**—Roots extra large size of excellent quality and delicate oyster-like flavor.

Pkt. 5c; oz. 25c. Postage paid.

## SPINACH

**CULTURE:** Spinach furnishes rich green, fleshy leaves all during the summer and fall. Sow seed very early in the spring and make succession sowings every ten days until the end of April. A fine fall crop can be raised from seed sown around August 15th. One ounce will sow 100 feet of drill.

**BLOOMSDALE or SAVOY LEAVED**--This is the earliest variety. Plant is of upright growth with narrow pointed, crinkled leaves. Very hardy.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 50c. Postage paid.

**LONG STANDING**—Matures quickly, remains in condition for use much longer than other sorts. Leaves smooth, dark green. A popular and profitable variety.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 50c. Postage paid.

**KING OF DENMARK**—The plants form compact bushes with round, thick leaves which are rich dark green and much crumpled. Stands a long time before the plants bolt to seed.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 50c. Postage paid.

**THICK LEAVED**—A rapid growing variety, forms clusters of long, thick, slightly wrinkled leaves.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 50c. Postage paid.

**PRICKLY WINTER**—A very hardy variety and will withstand severe weather. It is the sort used largely for winter sowing.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 50c. Postage paid.

**NEW ZEALAND**—The hot weather spinach. The plants will resist heat, and make a strong growth, supplying all during summer and fall an abundance of rich green leaves, which are even better quality than ordinary spinach. Sow seed about May first or when soil is fairly warm.

Pkt. 5c; oz. 15c; 1-4 lb. 30c; lb. 85c.

## SQUASH

**CULTURE:** Plant seed in extra fertile soil in the spring as soon as danger of frost is past. The vining varieties should be planted in hills 8 to 10 feet each way and bush varieties 4 to 5 feet. Place 10 seeds to the hill and cover with 1 inch of soil. One ounce of seed required for 25 hills.

## Bush or Summer Varieties

**EARLY WHITE BUSH SCALLOPED**—Matures early. Squashes are clear white and large size. Flesh is thick and of very fine quality.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**GOLDEN SUMMER CROOKNECK**—Early and prolific. The fruits are of the true crookneck type. Heavily warted and of light golden color. About 1 foot long.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

## Winter Varieties

**GREEN HUBBARD**—The vines are of strong, running growth and bear many large pear-shaped fruits. The flesh is a deep yellow, fine grained. Very dry, sweet and rich flavored.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**WARTED HUBBARD**—Similar in size to the Green Hubbard. Vines vigorous and productive. Fruits large dark green. Excellent keeper of splendid quality.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**GOLDEN HUBBARD**—Same shape as the Green Hubbard. Skin warted, rich orange color. Fine quality.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**MAMMOTH CHILI**—Enormous size, profitable variety to grow for stock feeding. Flesh rich and fine flavor.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**BANANA**—The large whitish, green fruits measure 2 to 3 feet in length and are quite thick. Fine grained, mealy flesh.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**DELICIOUS**—In dryness, sweetness, rich flavor, this squash surpasses all others. The shell is green in color, the flesh a deep orange. An excellent keeper.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**TABLE QUEEN**—Small squashes, 7 inches long, 3 inches thick. Color dark green. Shell hard and smooth. Splendid for pies.

Pkt. 5c; oz. 15c; 1-4 lb. 40c; lb. \$1.25; postpaid.

## TOMATO

**CULTURE:** Start the seed indoors through February or March and set out after all danger of frost has passed. Tomatoes do best in a rich, well manured soil. One ounce will make 1500 plants.

**EARLIANA**—Matures in 90 days. Attractive fruit 3 inches in diameter and 2½ inches thick. Tomatoes are uniform in size, fleshy and solid. Does best in a warm, sandy soil.

Pkt. 5c; 1-2 oz. 20c; oz. 35c; 1-4 lb. \$1.15; postpd.

**JOHN BAER**—This is an early variety, ripening in about 100 days. Produces large globular fruit, solid, smooth skin, free from cracks. Vines are strong and very hardy.

Pkt. 5c; 1-2 oz. 20c; oz. 35c; 1-4 lb. \$1.15; postpd.

**MONTEREY OR BEEFSTEAK**—Matures in about 115 days. Fruit very large, purplish-pink, very solid, meaty, contains very few seeds. Desirable for slicing.

Pkt. 5c; 1-2 oz. 25c; oz. 40c; 1-4 lb. \$1.25; postpd.

**NEW STONE**—Matures in 115 days. Very productive, producing large, solid, bright red, smooth fruit. A great favorite in all gardens. Used extensively by commercial canners.

Pkt. 5c; 1-2 oz. 20c; oz. 35c; 1-4 lb. \$1.15; postpd.

**BURBANK**—Early and very productive. Smooth skin, bright crimson color. Fruits form with few seeds. Keeps well, easily peeled, skin slipping readily from the flesh. Resistant to wilt and other diseases.

Pkt. 5c; 1-2 oz. 25c; oz. 45c; 1-4 lb. \$1.25; postpd.

**MARGLOBE**—This tomato is undoubtedly the best of all recent introductions; globe shape, deep red all over. Very little depression at stem and does not crack. It is solid, has no green core, most productive. The vines are robust and wilt resisting. We recommend the Marglobe to take the first place with market gardeners.

Pkt. 10c; 1-2 oz. 25c; oz. 45c; 1-4 lb. \$1.50; postpd.

**RED HEAD**—An early variety. It is a deep, rich red, never rough or wrinkled. Does not crack easily. Very solid and slices perfectly. Bears heavily and can be used for early canning.

Pkt. 10c; 1-2 oz. 25c; oz. 45c; 1-4 lb. \$1.50; postpd.

## Small Fruited Varieties

Golden Queen, Yellow Plum, Red Plum, Red Cherry, Yellow Cherry, Red Pear, Yellow Pear, Husk Tomato or Ground Cherry.

Pkt. 5c. Postage paid.

## TURNIPS

**CLTURE:** Sow seed early in spring for summer crop and early in July or August for late crop. One ounce of seed will plant 150 feet of row, 1 to 2 pounds per acre.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 75c. Postage paid.

**WHITE EGG**—Matures in 60 days. A quick grower, good keeper. Excellent either as an early or late variety. The flesh is very sweet, firm and mild.

**PURPLE TOP WHITE GLOBE**—Matures in 60 days. Large size, globe shape, attractive in appearance, rapid grower. Flesh white and of fine texture. This is the most popular and most largely used of all the white fleshed varieties.

**EARLY SNOWBALL**—Matures in 70 days. Early, perfectly formed, round white turnip for garden use. Small white globe, very quick in its growth. We recommend it as a turnip of fine texture.

**EARLY WHITE FLAT DUTCH**—Matures in 50 days. A popular sort for table or market. Grows quickly, clear white skin, flesh juicy, mild. Of excellent quality.

**PURPLE TOP YELLOW ABERDEEN**—A medium size, globe shaped, with yellow flesh. Of fine quality. Late variety. A good kind to grow for stock feeding.

**PURPLE TOP STRAP-LEAVED**—Matures in 50 days. This is a very early, flat turnip with red or purple crown. Flesh white, fine grained and tender.

**RUTABAGA OR SWEDISH TURNIP**

Pkt. 5c; oz. 10c; 1-4 lb. 25c; lb. 75c. Postage paid.

**PURPLE TOP YELLOW**—A hardy oval rooted sort. Heavy cropper. Flesh yellow with a purple crown.**KING OF SWEDEN**—An excellent sort either for table use or stock feeding. Flesh yellow, solid, sweet and rich.**HERBS—FOR SEASONING**

Pkt. 10c. Postage paid.

**CARAWAY**—Grown for seed for flavoring breads, etc**DILL**—A valuable herb for flavoring sauces, soups, etc., also fine for using in dill pickles and sauerkraut.**SAGE**—This perennial herb is indispensable in the garden since there are many dishes that can be made far more tasty by the use of its leaves.**VEGETABLE PLANTS**

Our plants are grown from choice, high quality seeds of leading varieties such as early and late Cabbage, Celery, Cauliflower, Egg Plants, Peppers, etc. Write for prices on quantities desired.

# *Flower Seeds*

**FLOWERS MAKE HOME MORE ENJOYABLE**

Start now to make your plans for your flower garden for the spring and summer of 1932.

Our Flower Seed List has been carefully revised, some new kinds added and all inferior kinds left out, so that there is nothing in this list but what is worthy of cultivation and if reasonably cared for will give satisfaction. We offer only the highest standard of seeds obtainable, and varieties most adapted to this altitude, and can help you get the most for every dollar you spend for flower seeds and bulbs.

**FREE GIFT**—A packet of our Surprise Flower Garden mixture with every flower order amounting to 50c or more.

**ROCK GARDEN—Annual Flowers**

Alyssum, Abronia, Portulaca, Ice Plant, African Daisy, Anagallis, Zinnia Lilliput

**FLOWERS FOR SEMI-SHADE**

Clarkia, Primrose, Forget-Me-Not, Godetia, Snapdragon, Mimulus, Blue Lace Flower, Pansy, Violet, Schizanthus, Lobelia

**ROCK GARDEN—Perennial Flowers**

Alyssum Yellow—Arabis—Rock Cress, Candytuft, Pinks, Linum, Heuchera, Columbine, Poppy—Iceland, Erysimum, Sedum, Kenilworth Ivy

**FLOWERS FOR PORCH BOXES**

Petunia, Thunbergia, Lobelia, Nasturtium, Geraniums

**SPECIALTIES FOR 1932**

6—10c pkts. choicest Giant Zinnias; 6 colors..	40c
6—10c pkts. choicest Sweet Peas; 6 colors....	40c
6—10c pkts. choicest Asters; 6 colors .....	40c
New Double Sweet Scented Nasturtium; pkt....	25c
Special strains of Wilt Resistant Asters in Red, Lavender and Pink colors; pkt. ....	15c
Surprise Garden Mixture; pkt. ....	10c

**ANNUALS**

**ABRONIA**—Trailing plant, verbena-like blossoms of bright rose with white center. Likes dry, poor soil and sunny location.....Pkt. 10c

**ACROLINIUM**—Height 20 inches. An everlasting bearing, single and double daisy-like flowers in mixed colors .....Pkt. 5c

**AGERATUM**—Height 2 feet. One of the best summer blooming plants. Bright blue flowers are produced in profusion during hot, dry summer months ..... Pkt. 5c

**AGROSTEMMA**—Height 1 foot. Rose of Heaven. Blooms ten weeks after planting and continues blooming until frost. Bright rose-pink flowers. Excellent for beds or borders..Pkt 10c

**ALYSSUM—Little Gem**—Height 4 inches. Very compact plants covered with a mass of white blossoms ..... Pkt. 5c

**Sweet**—Height 10 inches. Of low spreading growth with pure white flowers. Excellent for borders, porch boxes and hanging baskets.Pkt. 5c

**AMARANTHUS—Love Lies Bleeding**—drooping red spikes.....pkt. 10c

**Joseph's Coat**—Bright scarlet and gold foliage plant..... pkt. 10c

**ANAGALLIS**—Height 8 inches. Blooms freely in sunny location. Very conspicuous and spreads rapidly ..... Pkt. 10c

**ANTIRRHINUM or SNAPDRAGON**—Height 2 feet. Easily raised from seed and will bloom continually if seed pods are kept nipped off. Immensely popular and one of the choicest cut flowers. Newest creation in giant strains. Garnet, pink, yellow and mixed colors.....Pkt. 10c

**ASTERS**—Mixed al' colors.....Pkt. 10c

**Early Wonder or Express**—Height 2 feet. These are the earliest blooming Asters. Flowers of good size, quite double and borne on stiff stems; mixed colors ..... Pkt 10c

**Single Giants of California**—Height 2 feet. Flowers large, measuring 3 to 4 inches across. A wonderful new variety destined to become very popular. Mixed colors ..... Pkt. 10c

**California Sunshine**—Height 2 1-2 feet. Flowers are true anemone flowered and the most disease-resisting type. Mixed colors.....Pkt. 10c

**Giant Crego**—Height 2 feet. Petals attractively curled and twisted like Chrysanthemums. Flowers large, double and well formed. Mid-season. .... Pkt. 10c

**WILT RESISTANT ASTERS**—Aster plants may be stricken with the wilt at any stage in their growth, from the seedling to the flowering stage, and we believe prevention through highly wilt-resistant strains is the only method of combating this disease. We are offering the following colors of wilt-resistant asters: Red, azure, blue and deep rose .....pkt. 15c

**Giants of California**—Height 2 1-2 feet. Double flowers of immense size. Choicest asters on the market. Mixed colors..... Pkt. 10c

**Heart of France**—Height 2 feet. Opens red as the purest ruby, deepens with age and retains its remarkable color to the very end. More wilt resistant than other types.....Pkt. 10c

**Early Beauty**—Height 3 feet. Large, double flowers, long stems, mid-season bloomer. Plants are hardy, strong growing and thrifty. Mixed colors ..... Pkt. 10c

**Pioneer's Special Collection of Asters**—6 special colors including primrose, white, lavender, scarlet, rose-pink, purple, shell pink.....40c

**BALSAM**—Height 2 feet. Old-fashioned Lady Slipper. Of easy culture, does well in heavy soil and sunny location. Likes plenty of water. Mixed colors .....

**BACHELOR BUTTON**—Height 2 feet. Easy to grow, blooms continuously. Rich soil produces large flowers with longer stems. Select blue.... Pkt. 5c

**BLUE LACE FLOWER OR DIDISCUS**—Height 1 1-2 feet. An easily grown annual you will be delighted with. Has heads of dainty lavender blue flowers. Fine for bedding or cutting. Blooms profusely from June to September....Pkt. 10c

**BRACHYCOME or SWAN RIVER DAISY**—Height 1 foot. A free-flowering annual. The plants form compact little bushes, bearing a profusion of dainty flowers which resemble small Cinerarias. Mixed colors..... Pkt. 10c

**CACALIA or TASSEL FLOWER**—Height 2 feet. Each scarlet and yellow flower is a miniature paint brush produced on a long, wiry stem. Excellent for cutting. .... Pkt. 10c

**CALLIOPSIS**—Height 2 feet. Thrives well in almost any location. Blooms all summer giving an abundance of yellow, orange and dark brown, showy flowers ..... Pkt. 5c

**CALENDULA or POT MARIGOLD**—Height 18 inches. One of the best and showiest of the free flowering annuals. Blooming from early summer until killed by the frost. Requires little care to grow to perfection and thrives well in any good garden soil. Mixed colors. .... Pkt. 5c

**Orange King**—Height 18 inches. Glowing orange color. .... Pkt. 5c

**Lemon Queen**—Height 18 inches. Large, rich lemon color. .... Pkt. 5c

**Campfire or Sensation**—Petals beautifully quilted. A deep orange color, very choice....Pkt. 10c

**CANDYTUFT**—Height 1 foot. A most attractive border and cut flower. Blooms profusely from early summer until late August. Mixed colors. .... Pkt. 5c

**CANNA**—Height 2 1-2 to 8 feet. Can be successfully grown from seed if planted early. Seed should be pierced in one spot with a file and soaked in lukewarm water for 24 hours before sowing. Very showy plants and flowers..Pkt. 10c

**CASTOR OIL BEAN**—Height 6 to 10 feet. A very showy ornamental plant of tall growth, doing well in rich soil and in warm sunny locations. .... Pkt. 10c

**CHINESE WOOL FLOWER**—Height 2 to 3 feet. Large woolly heads borne on strong stems from midsummer until frost. Makes a glorious display of crimson scarlet flowers.....Pkt. 10c

**CHRYSANTHEMUM**—Effective and desirable as summer flowering plants. Single and double mixed. .... Pkt. 10c

**CLARKIA**—Height 2 feet. One of the easiest grown annuals, is in full bloom 5 to 6 weeks after sowing. Flowering sprays are long and resemble flowering almond. Mixed colors.....Pkt. 10c

**COCK'S COMB**—Height 18 inches. Tremendous flower-heads or combs of a velvety finish but of a strawy touch. Fine for the garden or cutting. Mixed. .... Pkt. 10c

**COSMOS**—Height 4 to 6 feet. One of the most attractive plants for the garden, blooming in early summer and continuing until frost. Grows easily, has beautiful feathery green foliage with lovely, long stemmed flowers.

**Early Flowering Mammoth Cosmos**—Mixed colors. .... Pkt. 5c

**Double Crested Cosmos**—Mixed colors. Pkt. 10c

**CYNOGLOSSUM**—Height 24 inches. Chinese Forget-Me-Not. A lovely plant producing sprays of brilliant blue Forget-Me-Not like flowers. It grows easily, blooms for a long season...Pkt. 10c

**DAHLIA**—Can be raised from seed and will bloom the first year. Seeds germinate easily and make strong sturdy plants. Plant early

**Single Dahlia**—Mixed colors .....Pkt. 10c

**Double Dahlia**—Mixed varieties and colors.... .... Pkt. 10c

**DAISY—African**—Height 15 inches. Extraordinary showy bushy plants covered with rich orange gold flowers with dark centers. Blooms all summer. Easy to grow..... Pkt. 10c

**ERYSIMUM—Fairy Wallflower**—Height 1 to 2 feet. Easily grown and free flowering. Fine for beds and borders. Bears bright orange, fragrant flowers in profusion..... Pkt. 10c

**EUPHORBIA—Snow on the Mountain**—Height 2 feet. Showy foliage plant. Very pretty for a background. .... Pkt. 10c

**Heterophylla**—Annual Poinsettia. Very attractive ..... Pkt. 10c

**EVERLASTING FLOWERS**—An excellent mixture of strawflowers to be grown for winter bouquets. This mixture includes Acrolinium, Gomphrena, Helichrysum, Statice and Gypsophila..... Pkt. 10c

**FEVERFEW—Matricaria**—Height 15 inches. Small double flowers resembling Button Chrysanthemums. Very attractive. White and yellow mixed..... Pkt. 10c

**FOUR O'CLOCK**—Height 2 feet. Very useful and showy, favorite for beds and borders. Excellent to plant for hedges and backgrounds. Blooms freely from July until frost. A mixture of gorgeous colors..... Pkt. 5c

**GERANIUM**—1 to 2 feet. Grow readily from seed the first year and produce blooming plants the first summer. Mixed colors and varieties... .... Pkt. 10c

**GOMPHRENA**—Height 12 inches. A showy everlasting with clover-like heads. Mixed colors ..... Pkt. 10c

**GODETIA**—Height 12 inches. An attractive hardy annual deserving more extensive cultivation. Plants bloom profusely and bear showy, satiny flowers in many rich colors. Do well in poor soil..... Pkt. 10c

**GYPSOPHILA**—Height 2 feet. Graceful plants of light fairy-like growth. Much in demand for combining with other flowers for bouquets. White and rose..... Pkt. 10c

**HELICHRYSUM**—Height 16 to 21 inches. A strawflower dried for winter bouquets. Cut flowers and hang with heads down in a cool place until thoroughly dry. Mixed colors..... Pkt. 10c

**HOLLYHOCK**—Height 5 feet. Sow in the open ground in May and have blooms in August. Single and double mixed..... Pkt. 10c

**ICE PLANT**—Height 6 inches. A valuable plant for dry sunny situations on banks, rock gardens, old wells, etc. Foliage very ornamental because of odd leaves, which look as if frosted with ice..... Pkt. 10c

**JOB'S TEARS**—Height 3 feet. An interesting, luxurious grass, grown for its large seeds, which are used for beads..... Pkt. 10c

**LARKSPUR**—Height 3 to 4 feet. Blooms quickly from seed sown in the spring and their long spikes are fine for cutting. The varieties we offer are unexcelled.

**Tall Double Stock Flowered**—In blue, pink, purple, lavender, red and mixed colors.. Pkt. 10c

**Los Angeles**—A very rich shade between salmon and rosy scarlet. Very large double flowers with a very dark green foliage. Very choice. .... Pkt. 15c

**LEPTOSYNE**—Height 1 1-2 feet. One of the quickest growing annuals blooming within five weeks from date of sowing. Daisy-like flowers of pure yellow..... Pkt. 10c

**LOBELIA**—Height 4 to 6 inches. Fine for edging, hanging baskets and porch boxes because of its spreading habit. Plants form compact little bushes covered with purplish-violet blooms throughout the season..... Pkt. 10c

**LINUM**—Crimson flax. Height 18 inches. One of the most brilliantly colored of summer annuals. Blooms from May to October by successive sowings..... Pkt. 10c

**LINARIA**—Height 1 foot. Blossoms like miniature Snapdragons. Blooms in 8 weeks from seed. Mixed colors..... Pkt. 10c

**LUPINE**—Height 18 inches. Texas Bluebonnet. Long spikes closely set with large deep flowers. Blooms from June to frost....Pkt. 10c

**MARIGOLD**—30 inches high. Marigolds are easily grown in any garden soil and bloom profusely from July until frost.

**African Tall**—Double mixed.....Pkt. 5c

**French Tall**—Double mixed..... Pkt. 5c

**MEXICAN FIRE BUSH**—Height 2 1-2 feet. Resembles a close-clipped evergreen. Fine for a hedge or back ground. In early autumn the bush becomes a scarlet color..... Pkt. 5c

**MIMULUS—Monkey Flower or Musk Plant**—Covered with oddly shaped flowers of many colors. Fine for hanging baskets..... Pkt. 10c

**MIGNONETTE**—Height 16 inches. A fragrant plant used for cutting and combining in bouquets with other flowers..... Pkt. 5c

**NASTURTIUM**—No annual excels Nasturtiums for ease of culture and duration of bloom.

**DOUBLE SWEET—Scented**—A marvelous new variety of nasturtium with a very pleasing perfume. The flowers borne on stiff stems stand well above the foliage and are fine for garden display and cutting .....pkt. 25c

**Dwarf**—Height 1 foot. Mixed colors..... Pkt. 5c; Pkt. 10c; oz. 15c

**Tall**—Mixed colors. Pkt. 5c; Pkt. 10c; oz. 15c

**NEMESIA**—Height 1 foot. Splendid border plant. Continuous bloomer, stands a lot of hard-

ship. Comes in bright colors of blue, orange, rose and yellow mixed..... Pkt. 10c

**NIGELLA or LOVE-IN-A-MIST**—Height 1 1-2 feet. A compact, free flowering plant with finely cut foliage. Easy culture. Stands heat and drouth. Blue and white mixed..... Pkt. 10c

**PETUNIA**—The seeds are very small and germinate slowly, therefore require great care in planting. They may be planted indoors quite early, but can be successfully planted out of doors in May. Start with a well pulverized seed bed and just barely cover the tiny seeds. Protect with grass clippings or straw and keep quite moist until the small plants appear. Petunias are free bloomers and unsurpassed as a bedding or window box plant.

**Single**—Small flowering. Mixed..... Pkt. 5c

**Choice Double Large Flowering Fringed**—....  
Mixed ..... Pkt. 35c

**Giants of California**—Special mixture, fringed and ruffled. Mixed colors..... Pkt. 15c

**Elk's Pride**—Large rich velvety purple. Pkt. 15c

**Pride of Portland**—Beautiful deep rose. Pkt 15c

**Carnation Flowered**—Semi-double type, flowers resembling a carnation. Deep rose color.. Pkt. 25c

**PHACELIA**—Height 9 inches. Bright blue, bell shaped flowers with white anthers. Early to bloom, lasts a long time..... Pkt. 10c

**PHLOX**—Height 1 foot. Are the showiest and one of the easiest grown of all annuals. Produces a continuous supply of blooms of all colors of the rainbow. .... Pkt. 10c

**PINKS**—Height 1 foot. Every garden should include pinks because they are so easily grown and make such a wonderful display with their bright colored flowers.

**Special Mixture of Single Pinks**—.... Pkt. 10c

**Special Mixture of Double Pinks**—.... Pkt. 10c

**POPPY**—Very easily grown, seeds are small and should be mixed with sand before sowing, then barely cover with soft soil.

**California—Ramona**—Height 1 foot. A new sensation with frilled edges and semi-double appearance. .... Pkt. 10c

**California**—Height 1 foot. Very hardy and satisfactory. Blooms early from seed the first year. Seeds itself..... Pkt. 5c

**Shirley**—Height 2 feet. Have beautiful satiny flowers of various colors. Foliage hairy and finely cut. .... Pkt. 5c

**Double Peony Flowered**—Height 3 feet; double, some fringed, ball shaped flowers. Many colors. .... Pkt. 10c

**PORTULACA or MOSS ROSE**—Height 6 inches. This plant will grow and bloom profusely in a

dry hot situation. In sowing mix seed with sand to insure even distribution and barely cover with soil.

**Single Mixture**—..... Pkt. 5c

**Double Mixture**— ..... Pkt. 10c

**SALVIA**—Large flowering scarlet sage. Height 3 1-2 feet. Flowering plant of branching, bush-like growth, fine for hedges. Brilliant scarlet color. .... Pkt. 10c

**SALPIGLOSSIS**—Height 2 1-2 feet. Petunia shaped, velvety flowers of rich gay colors veined with gold. Very attractive for bouquets, easy to grow. .... Pkt. 10c

**SCABIOSA—Mourning Bride or Pin Cushion**—Height 3 feet. Blooms all summer. Fine for cutting, has long stems and keeps well in water. Many bright colors. Mixed..... Pkt. 10c

**SCHIZANTHUS or BUTTERFLY FLOWER**—Height 2 feet. Foliage is delicate and fern-like. The plant is covered with a mass of dainty flowers of many bright colors. Easy to grow and blooms in a few weeks after planting...Pkt. 10c

**SILENE or CATCH FLY**—Height 1 1-2 feet. Easily grown, hardy annual, very showy, early flowering, bearing masses of pink, white and red blooms. .... Pkt. 10c

**SURPRISE GARDEN MIXTURE**—A special collection of unusual flowers of many colors....  
..... Pkt. 10c

**STATICE**—Height 2 1-2 feet. One of the rarest everlasting. The graceful branching flower stems add much to winter bouquets. Rose, yellow, blue, lavender and mixed..... Pkt. 10c

**SUNFLOWER—Mammoth Russian**—Plant outside poultry yard fence. Serves a double purpose, for shade and food..... Pkt. 5c; oz. 10c

**SWEET PEAS**—Can be planted as early as February. Plant in a trench, covering at first with only 2 inches of soil, the trench being filled as the plants grow.

**Finest Mixed Spencer**—..... Pkt. 10c; oz. 25c

**Early or Winter Flowering**—.. Pkt. 10c; oz. 35c

**Also the Following Straight Colors:** Giant White, Crimson King, Warrior (Maroon red), Daffodil (yellow), Austin Frederick (lavender), Hebe (pink) ..... Pkt. 10c; oz. 35c

**Pioneer's Special Collection of Spencer Sweet Peas**—6 choice colors..... Pkt. 40c

**Grandiflora Mixture**—Pkt. 5c; Pkt. 10c; oz. 15c

**STOCKS**—Height 2 feet. Very desirable for cut flowers. Flowers appear on long stiff stalks like small rosettes, are very fragrant and of soft delicate shades of lavender, pink, white, yellow and purple.

**Double Perpetual Branching**—Mixed colors...  
..... Pkt. 10c

**Double Giant Perfection**—Creole, canary, yellow. .... Pkt. 10c

**Double Giant**—Sapphire, violet.....Pkt. 10c

**Double Giant**—Rose Queen, rose.....Pkt. 10c

**SWEET SULTAN**—Height 2 feet. Easy to grow, do well in any average soil. Valuable for cutting.

**Finest Quality**—Mixed Colors.....Pkt. 10c

**Finest Quality**—Lavender..... Pkt. 10c

**Finest Quality**—Yellow..... Pkt. 10c

**VERBENA**—Height 18 inches. One of the most popular garden annuals. The clusters of showy, fragrant flowers are borne in profusion from July until frost. Mammoth variety contains a wonderful range of brilliant colors....Pkt. 10c

**ZINNIA**—The most gorgeous annual with a wonderful range of colors. Double flowers with long stems and good keeping qualities. One of the finest old-fashioned flowers.

**California Giants**—Enormous size, beautiful in coloring, very best. Mixed colors.....Pkt. 10c

**Double Dahlia Flowered**—Very large, pastel shades. Mixed colors.....Pkt. 10c

**Finest Mixed**—All sorts and colors...Pkt. 5c

**Lilliput or Pompom**—New small variety, blooms all summer..... Pkt. 10c

**Pioneer's Collection of Giant Zinnias**—6 large packets, including pink, scarlet, purple, orange, rose and violet.....40c

## PERENNIALS

**ALYSSUM**—Yellow, valuable for rock gardens and edgings .....pkt. 10c

**ANCHUSA**—Height 3 feet. Showy tall perennial plant bearing a profusion of rich, deep sky-blue flowers from June until August....Pkt. 10c

**ANEMONE or WIND FLOWER**—Height 10 inches. An excellent spring blooming perennial with large double blooms in many colors....Pkt. 10c

**ARABIS or ROCK CRESS**—Height 8 inches. A showy, dwarf border plant, blooming during April and May. White flowers. Fine for rock gardens and borders..... Pkt. 10c

**CANDYTUFT**—Height 1 foot. A favorite perennial for edging or rock gardens. Blooms during spring..... Pkt. 10c

**CANTERBURY BELLS or CAMPANULA**—A biennial. Height 2 feet. Blooms during May and June, bearing a profusion of beautiful bell-shaped flowers. Thrives best in light, rich soil.

**Cup and Saucer**—Mixed colors..... Pkt. 10c

**Single**—Mixed colors..... Pkt. 10c

**CARNATION**—Chabaud Everblooming—2 feet in height. Blooms the first year. Plants are upright and of strong growth, blooms profusely during July and August.....Pkt. 10c

**COLUMBINE**—Height 2 feet. One of the best of the spring and early summer flowers. Does well in shady places and around shrubbery.

**Long Spurred**—..... Pkt. 10c

**Rocky Mountain**—Blue ..... Pkt. 10c

**COREOPSIS**—Height 2 feet. Large orange, yellow flowers on long graceful stems. Best yellow cut flower, blooming incessantly from June to October..... Pkt. 10c

**DAISY**—**Double or English**—Height 1 foot. A dwarf bedding plant which prefers moist, shady places. Extra fine strain, mixed colors...Pkt. 10c

**Shasta**—2 1-2 feet high. Large white flower with stout stem. Fine for cutting. Constant bloomer. .... Pkt. 10c

**FORGET-ME-NOT**—Height 1 foot. Rich blue. Succeeds best in cool, moist soils. Blooms profusely during spring and summer. Valuable for cutting and house plants..... Pkt. 10c

**FOXGLOVE**—Height 3 feet. Biennial but reseed themselves very easily. Succeeds well in any garden soil. Blooms in either sun or semi-shade. Mixed colors..... Pkt. 10c

**GAILLARDIA or BLANKET FLOWER** 2 feet high. Very showy and thrives anywhere. Fine for cutting. Colors yellow and scarlet...Pkt. 10c

**GEUM**—Showy, hardy perennial with large double bright red flowers borne on long stems. Of easy culture and blooms profusely.....pkt. 10c

**GYPSOPHILA**—Small flower on branched stems so thick as to give the plant a white lacy-like effect. Fine for mixing with bouquets..... ..... Pkt. 5c

**HEUCHERA**—**Coral Bells**—Height 12 inches. The dwarf compact plants have heart shaped, roundish leaves with numerous flower spikes in coral color. Fine for rock gardens....Pkt. 10c

**HOLLYHOCKS**—Height 7 feet. One of the best hardy garden flowers. Make a charming background for a garden..... Pkt. 10c

**HELIOTROPE**—Height 18 inches. Well known plant prized on account of the delightful fragrance of the flowers. Makes an excellent potted plant..... Pkt. 10c

**HIBISCUS**—Noble shrub like plants with handsome green foliage. Large bright flowers..pkt. 10c

**LANTANA**—Height 18 inches. Half hardy perennial. A shrubbery plant with clusters of verben-a-like flowers. Blooms freely all summer... . Pkt. 10c

**DELPHINIUM or PERENNIAL LARKSPUR**—Height 6 feet. One of the most handsome garden plants. Thrives in almost any situation, being

perfectly hardy. Long, beautiful spikes of flowers are fine for cutting. Mixed colors...Pkt. 10c

**KENILWORTH IVY**—Very attractive for rock gardens and ground covers. Bright green leaves and lilac blue flowers. Very trailing....pkt. 10c

**LATRIS**—Elegant purplish rose flowers on long spikes. Blooms from July to August. Two to four feet .....pkt. 10c

**LINUM—Perennial Flax**—Height 2 feet. Light blue flowers from July until August. Blooms last only a day but are produced continually..Pkt. 10c

**LUPINE**—Height 3 feet. Plant Lupine this year and realize their value in the perennial garden. Plants produce soft tufts of green foliage from which arise stately spikes of bloom. Thrives in rich sandy soil. Mixed colors..Pkt. 10c

**PANSIES**—Pansies do well in semi-shade and will bloom all summer if kept from going to seed.

**Giants of California**—Special mixture of giant types, containing many unusual colors...Pkt. 10c

**Giant Trimardeau**—A very popular, large flowering pansy. All colors mixed.....Pkt. 10c

**PEAS—PERENNIAL**—Excellent vining plant with branches 8 to 10 feet long. Blooms all summer and is hardy everywhere. Comes in red, pink, white and mixed colors.....Pkt. 10c

**PENTSTEMON**—Height 2 feet. Very showy, producing slender spikes with large trumpet shaped flowers. If started in February or March will bloom freely the first year. Many bright colors mixed..... Pkt. 10c

**PHLOX**—Height 4 feet. One of the showiest of all the perennials. Seed slow about germinating, seedlings may not appear for a year, but very hardy when once started. Mixed colors... ..... Pkt. 10c

**PHYSALIS or CHINESE LANTERN**—Height 2 feet. Dense bushes producing freely bright orange-scarlet husks resembling Chinese Lanterns, which are used in winter bouquets....Pkt. 10c

**PINKS**—Height 1 foot. Very desirable, sweet scented, evrblooming, free flowering. Hardy garden pinks. Fine for rock gardens and for borders of beds and driveways. Like sunlight and good soil. Mixed colors.....Pkt. 10c

**POPPIES**—One of the most hardy and satisfactory perennials.

**Iceland**—Height 18 inches. Plant has fern-like foliage with satin like flowers of many bright colors borne in endless profusion, fine for cutting. .... Pkt. 10c

**Oriental**—Height 3 feet. For gorgeous coloring the Oriental Poppies have few rivals among hardy plants. Orange scarlet.....Pkt. 10c

**Oriental**—Beautiful light pink with purplish black center ..... Pkt. 10c

**PYRETHRUM—Rosem**—Height 2 feet. A showy plant. Large daisy-like blooms in shades of rose, pink and white. Fine for a cut flower. .... Pkt. 10c

**SWEET WILLIAM**—Height 1 1-2 feet. Very hardy and of easy culture. Grows in clumps and produces fine effects in beds or borders. Single or double.....Pkt. 10c

**TRITOMA or RED HOT POKER**—Height 3 feet. Flowers borne in compact form, having the appearance at a distance of orange and red colored spear heads. Requires protection during winter, unless in a very sheltered place.....Pkt. 10c

**VALERIANA**—Garden Heliotrope. Height 3 feet. Produces showy heads of rose tinted white flowers during June and July with delicious strong heliotrope odor. Valuable for bouquets..Pkt. 10c

**VIOLETS**—Height 6 inches. Dark blue, sweet scented. No garden is complete without a few of these. .... Pkt. 10c

**WALLFLOWER**—Height 1 1-2 feet. Half hardy, perhaps should be listed with annuals. Easily grown and make splendid backgrounds. Fragrant and of yellow and brown shades. Pkt. 10c

## VINES—ANNUAL

**BALLOON VINE**—Height 5 to 10 feet. Foliage light green, flowers whitish green color. Inconspicuous flowers are followed by interesting balloon shaped seed pods.....Pkt. 10c

**CANARY BIRD VINE**—Height 15 to 20 feet. Dainty vine with beautiful cut leaves and pretty delicate flowers of canary yellow. Does well in shade. .... Pkt. 10c

**CARDINAL CLIMBER**—Height 20 feet. Has fern-like foliage literally covered with fiery cardinal-red flowers from midsummer to frost. Likes a warm sunny location and good rich soil. Soak seed in water before planting.....Pkt. 10c

**COBAEA**—Height 25 feet. One of the handsomest and most rapid growing climbers. Flowers bell-shaped and open a dark green and turn purplish lilac. Seed should be planted edgewise. .... Pkt. 10c

**CYPRESS VINE**—Height 10 feet. A slender quick growing climber with small feathery, rich green foliage. Vines thickly starred with showy small red and white flowers.. Does best in warm soil. .... Pkt. 10c

**GOURLDS**—Height 20 feet. Ornamental gourds are easily grown in rich soil. Makes an immense amount of vine quickly. All varieties mixed..... Pkt. 10c

**HYACINTH BEAN**—Height 8 to 10 feet. An elegant climber with broad leaves affording good shade and attractive flowers.....Pkt. 10c

**JAPANESE HOP**—One of the best plants for covering verandas, trellises, etc. Grows quickly making a dense shady mass. Heat, drouth and

insects do not trouble it..... Pkt. 10c

**MOON FLOWER**—Height 25 feet. Very rap'd climber with very dense foliage. Notch the seed with a file and soak in warm water for 24 hours before planting..... Pkt. 10c

**MORNING GLORY**—Height 15 feet. Best known of all the climbers.

Tall Mixed— ..... Pkt. 5c

**Imperial Japanese**—Flowers a little larger than those of the ordinary Morning Glories and colors very bright and showy..... Pkt. 5c

**SCARLET RUNNER BEAN**—Plants are of strong quick growth, bearing large sprays of bright scarlet pea-shaped flowers. Ripened beans are used for food in some countries..... Pkt. 10c

**THUNBERGIA or BLACK EYED SUSAN**—An elegant, graceful climber for hanging baskets, window-boxes and ground covers in rock gardens, includes yellow and orange shades with black velvety centers..... Pkt. 10c

**WILD CUCUMBER**—The quickest growing climber on the list. Makes good shade... Pkt. 10c

## PERENNIAL VINES

**BOSTON IVY**—Hardy climbers with olive green leaves turning to a bright red color late in fall. Clings to walls of brick, wood and stone.. Pkt. 5c

**KUDZU**—One of the fastest growing hardy climbing plants. Foliage is large and covers well, has rosy-purple, pea-shaped flowers.... Pkt. 10c

## BULBS

Postage paid.

**CANNA ROOTS**—Start indoors in February or March..

**Yellow King Humbert—Hungaria**—The best pink canna and **The President**, a rich scarlet.... 30c each, 2 for 50c

**DAHLIA ROOTS**—Our stock is grown by one of the oldest and most reliable Dahlia specialists in this country and consists of good strong tubers, which are all true to name. Plant in a sunny location when all danger of frost is over, laying the tuber flat and covering about 4 inches deep in a well prepared bed. Be moderate in the use of fertilizer and water. Do frequent hoeing.

## PEONY FLOWERED DAHLIAS

**Coconina**—Vivid red, very large, early free-flowering..... 25c each

**Freida Newman**—Bright orange bronze, long stem, excellent for cutting..... 25c each

**Sweetheart's Bouquet**—A unique shading of salmon-rose. Flowers very large, stems extra long and wiry. One of the earliest to bloom and

continues throughout the season. Very choice. Awarded first prize at the Los Angeles Dahlia Show for the best vase of Peony Dahlias..50c each

**DR. HENRY SEWALL**—A sturdy rank grower with long stems. Color unique. A blending of fawn pink with slight shading of amber. Ea...25c

## DECORATIVE DAHLIAS

**Purple Manitou**—Extra large, one of the best clear purples..... 25c each

**Moonbeam**—Large flower, strong stems, color canary yellow. One of the best light yellows, blooms freely, excellent keeper when cut..... 25c each

**FLEMINGO**—Bright shell pink. An ideal variety for cutting by reason of its fine stems and clear, rich color .....each 25c

## CACTUS DAHLIA

**Countess of Lonsdale**—Freest flowering Cactus Dahlia, perfect in form, an exquisite shade of rich salmon, with a suspicion of apricot at the base of the petals..... 25c each

**CHAS. CLAYTON**—Color, a most intense red. Flowers are large in size and are produced freely. Long stems .....each 25c

## SHOW DAHLIA

**VICTORY**—Of immense size and perfect form. Deep yellow, tipped and shaded with cherry red .....each 25c

**W. W. RAWSON**—Color, pure white overlaid with delicate lavender. A very fine flower..ea. 25c

**SPECIAL DAHLIA OFFER**—10 per cent discount on all Dahlia orders amounting to \$1.50 or more.

## GLADIOLA BULBS

Special mixture of large bulbs, all colors. Best obtainable.

5c each; 30c doz.; 50 for \$1.25; 100 for \$2.00; 100 for \$2.15 postpaid.

## CHOICE NAMED VARIETIES

**LOS ANGELES**—The Cut and Come Again Glad. Excellent for forcing. Color is orange toned p'nk and a deeper pink in the throat..each 8c; doz. 80c

**W. H. PHIPPS**—La France pink overlaid with light rose, lighter towards center. As many as 12 to 16 flowers open at one time.each 8c; doz. 90c

**MRS. LEON DOUGLAS**—Begonia rose striped wth flame or soft orange scarlet. Flowers very large and many open at one time. Extra strong spikes .....each 8c; doz. 90c

**RUFFLED BEAUTY**—Rose pink with carmine featherings on yellow base. Its double row of

florets and ruffled edges makes each spike a bouquet in itself. Very beautiful...each 10c; doz. \$1

**ANNA EBERIUS** — Purple, deep amaranth blotch on lower petals.....each 8c; doz. 80c

**RED BEAUTY**—Earliest red ever produced. Many flowers open at one time. In great demand.

Each 8c; doz. 90c

**Captain Boynton**—Rich light lavender, blotching deeper in throat. Very attractive. Medium early.....each 10c; doz. 90c

**Romance**—Orange salmon rose. Red and yellow blotches. Ruffled and very unusual. Medium early.....each 10c; doz. 90c

For other spring bulbs, pansy plants, aster plants, peonies, rose bushes, shrubs and perennial plants, write or call us for information and prices.

# Farm and Field Seeds

Prices quoted are f. o. b. Burley, Idaho, the purchaser to pay all transportation charges. Owing to market fluctuations, these prices are subject to change without notice. Should prices be changed, upon receipt of order, quantity will be sent according to money received. For larger quantities, write for prices.

**ALFALFA—COMMON IDAHO GROWN**—  
Postage extra.

**FANCY—**

In lots of 1 to 10 lbs.; per lb. ....20c  
In lots of over 10 lbs. up to 50 lbs.; lb...17½c  
In lots of over 50 lbs. up to 100 lbs.; per lb..15c

**CHOICE—**

In lots of 1 to 10 lbs.; per lb. ....17½c  
In lots of over 10 lbs. up to 50 lbs.; per lb...15c  
In lots of over 50 lbs. up to 100 lbs.; lb...12½c

**ALFALFA—GRIMM**—Postage extra.

**BLUE TAG**—

In lots of 1 to 10 lbs.; per lb.....30c  
In lots of over 10 lbs. up to 50 lbs.; lb...27½c  
In lots of over 50 lbs. up to 100 lbs.; per lb..25c

**YELLOW TAG**—

In lots of 1 to 10 lbs.; per lb. ....25c  
In lots of over 10 lbs. up to 50 lbs.; lb...22½c  
In lots of over 50 lbs. up to 100 lbs.; per lb..20c

**AFFIDAVIT**—

In lots of 1 to 10 lbs.; per lb. ....22½c  
In lots of over 10 lbs. up to 50 lbs.; per lb...20c  
In lots of over 50 lbs. up to 100 lbs.; lb...17½c

**RED CLOVER**—Postage extra

**FANCY—**

In lots of 1 to 10 lbs.; per lb.....20c  
In lots of over 10 lbs. up to 50 lbs.; lb...17½c  
In lots of over 50 lbs. up to 100 lbs.; per lb..15c

**CHOICE—**

In lots of 1 to 10 lbs.; per lb. ....18c  
In lots of over 10 lbs. up to 50 lbs.; lb...15½c  
In lots of over 50 lbs. up to 100 lbs.; lb...12½c

**PRIME—**

In lots of 1 to 10 lbs.; per lb. ....16c  
In lots of over 10 lbs. up to 50 lbs.; lb...13½c  
In lots of over 50 lbs. up to 100 lbs.; per lb..11c

**ALSIKE CLOVER**—Postage extra

**FANCY—**

In lots of 1 to 10 lbs.; per lb.....20c  
In lots of over 10 lbs. up to 50 lbs.; lb...17½c  
In lots of over 50 lbs. up to 100 lbs.; per lb..15c

**WHITE DUTCH CLOVER**—Postage extra

**FANCY—**

In lots of 1 to 10 lbs.; per lb. ....60c  
For larger quantities write for prices.

**YELLOW BLOSSOM SWEET CLOVER—**

Postage extra

**SCARIFIED—**

In lots of 1 to 10 lbs.; per lb. ....16c  
In lots of over 10 lbs. up to 50 lbs.; per lb...14c  
In lots of over 50 lbs. up to 100 lbs.; per lb..12c

**WHITE BLOSSOM SWEET CLOVER—**

Postage Extra

**SCARIFIED—**

In lots of 1 to 10 lbs.; per lb. ....15½c  
In lots of over 10 lbs. up to 50 lbs. ....13½c  
In lots of over 50 lbs. up to 100 lbs.; lb...11½c

**UNSCARIFIED—**

In lots of 1 to 10 lbs.; per lb. ....13½c  
In lots of over 10 lbs. up to 50 lbs.; lb...11½c  
In lots of over 50 lbs. up to 100 lbs.; lb... 9½c

**GRASS SEEDS**—Postage extra

**KENTUCKY BLUE GRASS**—

In lots of 1 to 10 lbs.; per lb. ....30c  
In lots of over 10 lbs. up to 50 lbs.; per lb...25c  
In lots of over 50 lbs. up to 100 lbs.; per lb..20c

**ORCHARD GRASS**—

In lots of 1 to 10 lbs.; per lb. ....25c  
In lots of over 10 lbs. up to 50 lbs.; lb...22½c  
In lots of over 50 lbs. up to 100 lbs.; lb...19½c

**BROMUS INERMIS**—

In lots of 1 to 10 lbs.; per lb. ....30c  
In lots of over 10 lbs. up to 50 lbs.; per lb...25c  
In lots of over 50 lbs. up to 100 lbs.; lb...22½c

**MEADOW FESCUE—**

In lots of 1 to 10 lbs.; per lb. .... 20c  
 In lots of over 10 lbs. up to 50 lbs.; per lb... 14c  
 In lots of over 50 lbs. up to 100 lbs.; per lb..12c

**RED TOP—**

In lots of 1 to 10 lbs.; per lb. .... 25c  
 In lots of over 10 lbs. up to 50 lbs.; per lb... 20c  
 In lots of over 50 lbs. up to 100 lbs.; per lb..16½c

**TIMOTHY—**

In lots of 1 to 10 lbs.; per lb. .... 16c  
 In lots of over 10 lbs. up to 50 lbs.; per lb... 14c  
 In lots of over 50 lbs. up to 100 lbs.; per lb..12c

**ENGLISH PERENNIAL RYE—**

In lots of 1 to 10 lbs.; per lb..... 20c  
 In lots of over 10 lbs. up to 50 lbs.; per lb... 18c  
 In lots of over 50 lbs. up to 100 lbs.; per lb..15½c

**SUDAN—**

In lots of 1 to 10 lbs.; per lb. .... 11c  
 In lots of over 10 lbs. up to 50 lbs.; per lb... 9c  
 In lots of over 50 lbs. up to 100 lbs.; per lb.. 7c

**LAWN GRASS MIXTURE**—A properly proportioned mixture of the finest and best grasses adapted to the Inter-mountain territory. Makes a smooth, velvety carpet. Sow 1 lb. to 300 sq. feet. Lb. 40c; 5 lbs. 38c lb.; 10 lbs. 35c lb. Postage extra.

**PASTURE MIXTURES**

When planting a pasture the object should be to find a mixture of plants to form a good sod, yield heavily, root deeply, and not only resist drought but improve the soil, and that will give a variety of grazing which will secure maximum gain on cattle. After several years of experimenting the foregoing grasses were found to be the best upon irrigated lands, such as we have in Southern Idaho. Plant 25 pounds of this mixture to the acre.

**ORCHARD GRASS** is a deep root, clump grass.

**MEADOW FESCUE** is a finer shallow rooted grass.

**YELLOW BLOSSOM SWEET CLOVER** is a legume and is practically non-bloating.

**KENTUCKY BLUE GRASS** is a grass that spreads from root stock so that a close sod may be formed.

**BROME GRASS** is a sod former.

**GRAINS**

Market prices on grain fluctuate rapidly, therefore, we are not quoting at this time. Samples and quotations will be forwarded upon request.

**BARLEY—TREBI**—The best and heavy yielding variety, especially adapted for this locality. It is very early, has large white kernels with thin hulls. Without doubt the best variety for feed-purposes. Our stock of barley is high quality and well cleaned. Write for prices.

**OATS—IDAMINE**—An early, heavy yielding variety extensively grown in Southern Idaho. Write for prices.

**WHEAT—DICKLOW**—The most popular spring wheat, soft variety. A heavy yielder, many fields in this section producing as high as 70 bushels to the acre. The soft white wheat flour millers prefer this variety to all others on account of its fine qualities for making premium flour. Write for prices.

**WHEAT—FEDERATION**—A soft white spring variety. Has a comparatively short straw which easily supports a heavy yield of grain without lodging. A little earlier than the Dicklow variety. Heavy yielder. Write for prices.

**FIELD CORN**

Plant 10 pounds to the acre.

**CASSIA COUNTY WHITE FLINT**—An early white flint variety. Heavy yielder, produces good size, well filled ears from 10 to 16 inches in length. A short cropper for any section in Idaho. Lb. 10c; 12 lbs. \$1.00; 100 lbs. \$7.50. Postage extra.

**EARLY MINNESOTA NO. 13**—An early yellow dent variety adapted for this altitude. Ears average 8 inches in length and not unusual for two to be borne on a stalk. Cobs well filled with plump kernels of good color. Lb. 10c; 12 lbs. \$1.00; 100 lbs. \$7.50. Postage extra.

**IDAHO YELLOW DENT**—A very early dent variety. Good size cobs, well filled with deep plump kernels. Our seed was grown in a high altitude and especially adapted for this locality. Lb. 10c; 12 lbs. \$1.00; 100 lbs. \$7.50. Postage extra.

**DWARF ESSEX RAPE**

May be sown in May and be ready for pasture July or August, or it may be sown in June or July and yet furnish a large amount of pasture or fodder. Grown extensively for pasturing lambs, pigs and cattle. Liked by all kinds of livestock. Also extensively grown by poultrymen for green feed for growing chicks. Lb. 15c: 10 to 50 lbs. 13c lb.; 100 lbs. \$12.00. Postage extra.

**ABERDEEN COAL**

Headquarters for Aberdeen Coal—Utah's best coal. The best is always the cheapest. If you do not already use Aberdeen coal—try it, and you will always be satisfied. Aberdeen coal is economical, clean and full of heat.

# Poultry and Livestock Feeds, Supplies

## POULTRY FEEDS, ETC.

The following prices are f. o. b. Burley, Idaho, subject to market change without notice.

Alfalfa Meal .....	per 100 lbs.	.90
Alfalfa Leaf Meal.....	per 100 lbs	\$1.50
Bone Meal..1 lb. 10c; 5 lbs. 25c; 10 lbs. 45c; 100 lbs. ....		\$3.30
Calcite..10 lbs. 15c; 50 lbs. 60c; 100 lbs.....		.90
Charcoal..5 lbs. 25c; 10 lbs 50c; 25 lbs \$1.05; 50 lbs. \$1.75; 100 lbs. ....		\$3.30
Fish Meal..1 lb. 10c; 4 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.10; 50 lbs. \$2.00; 100 lbs.....		\$3.75
Grit..1 lb. 2c; 50 lbs. 80c; 100 lbs.....		\$1.50
Meat Scraps..1 lb. 10c; 10 lbs. 50c; 100 lbs..		\$3.50
Oyster Shell (Pilot)..1 lb. 2c; 50 lbs 85c 100 lbs. ....		\$1.50
Hulled Steel Cut Oats..100 lbs.....		\$2.50
Hulled Barley..100 lbs.....		\$2.00
Dried Buttermilk..10 lbs. 75c; 100 lbs.....		\$4.50

Write for special prices on corn, wheat, oats and barley. With our modern machinery we are in a position to supply this in all sizes, such as fine ground, medium ground and coarse ground.

## CODLIVER OIL

VITA BRAND CODLIVER OIL is an old tried and proven product in the poultry business. It will increase egg production, harden the egg shells, improve hatchability and generally improve the health of the hens as well as prevent leg weakness or rickets in the chicks.

Quart 45c; 1-2 gal. 85c; gal. \$1.60; 5 gals. \$7.50.

## POULTRY SUPPLIES AND EQUIPMENT

This is a very large line and space does not enable us to make a complete listing. Therefore, we are only featuring below a few of the big sellers. For your information, please write for special circular and prices.

## BROODERS

Standard make, double draft coal Brooder Stoves. These brooder stoves are thoroughly reliable and highly efficient. Provide an even, continuous and correct temperature at all times. Gives the chicks an abundance of pure fresh air, with ample room for them to get sufficient exercise. The stove has a large deep corrugated fire pot and burns most any kind of coal. The grate is in two sections, rocker type, center dump, making it easy to keep a clean, bright fire at all times. Has automatic control. Regulated by twin ther-

mostats which open and close both the draft and check dampers. Canopy of heavy galvanized steel.

500 Chick size—42 in. hover; 10 in. fire pot; weighs 80 lbs.; takes a 4 in. pipe. Price \$16.00 each, f. o. b. Burley. Freight extra.

1000 Chick size—52 in. hover; 11 in. fire pot; weighs 100 lbs.; takes a 5 in. pipe. Price \$20.00 each, f. o. b. Burley. Freight extra.

1200 Chick size—56 in. hover; 13 in. fire pot; weighs 132 lbs.; takes a 5 in. pipe. \$25.00 each, f. o. b. Burley. Freight extra.

## BOTTOM FILL FOUNTAINS

Easily filled and cleaned. Accurately made and tapered to prevent bursting from freezing.

No.	Capacity	Price.
15	2 quarts	35c
16	1 gallon	50c

Postage extra.



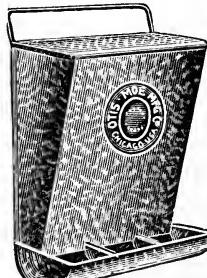
## MOE'S COLORED LEG BANDS

Moe's Celluloid Colored Key Ring Leg Bands are accurately made, in fast colors, weather proof and will not fade. They are of a proper temper, keep their shape, light in weight and very durable. Made in many colors.

Put up regularly 50 bands of a size and color in a bundle.

Quantity—12 50 100  
No. 92 for Plym. Rocks, R. I. Reds...10c 35c 60c  
No. 93 for Leghorns, Minorcas, etc...10c 35c 60c  
Postage extra.

## GRIT and SHELL BOXES



These boxes are the most practical means of economical feeding of Grit, Shell, Bone, Charcoal, etc. They will soon pay for themselves in material saved and will last a lifetime.

No. GB-12; width 12 inches; 3 compartments.....  
..... Price \$1.45  
Postage ex:ra.

## ROUND BABY CHICK FEEDERS

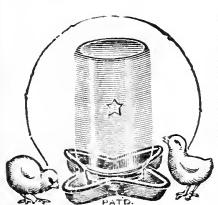


Popular and practical feeders for baby chicks. Top fits snugly on the pan, yet can be easily lifted off for cleaning and filling.

No. 12—Diameter 8 1/4 inches, with 12 feeder holes.

Price, each 25c. Postage extra.

## MOE'S FAMOUS STAR FOUNTAIN



Most popular and satisfactory Mason Jar Fountain on the market. Convenient, practical, durable and low price. Cannot leak. Fits any size Mason fruit jar.

No. 133—Bright tin for feeding milk, each.....10c

No. 32—Heavy terne for feeding water, each....10c

Postage extra.

## NUMBERED ADJUSTABLE BANDS



Aluminum with large raised figures, numbered 1 to 100, adjustable to fit any breed.

12 bands, 1 to 12 ..... \$ .15

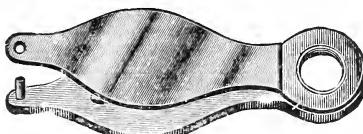
25 bands, 1 to 25 ..... .25

50 bands, 1 to 50 ..... .40

100 bands, 1 to 100 ..... .65

Postage extra.

## MOE'S POULTRY PUNCH



A popular and practical punch for marking baby chicks.

Price, each 15c. Postage extra.

## THERMOMETERS

Tyco Incubator Thermometer, \$1.25: postage extra

Tyco Brooder Thermometer, 75c; postage ex'ra

Tyco Brooder Thermometer, 90c: pos'age extra

## MINERAL MIXTURE FOR CATTLE

A completely balanced formula for cattle, especially dairy cattle. It supplies the necessary

mineral element lacking to considerable degree in most feeds. In addition it supplies the proper amount of mineral remedies. This Mineral Mixture will show greater gains in feeding and will improve milk production in dairy cattle. Promotes health and increases physical vitality in cattle. 20 lbs. 65c; 50 lbs. \$1.40; 100 lbs. \$2.50, f. o. b. Burley.

## KOW KARE

A highly efficient and dependable tonic, conditioner and regulator of dairy cows. It is to be fed in small proportions with grain. Increases milk production and keeps the animal in good healthy condition. Small can 65c; large can \$1.25.

Postage extra.

## GARGET REMEDY

Excellent for treating garget, caked bags and similar udder conditions. Per can 65c.

Postage extra.

## BAG BALM

For trouble of udder and teats, such as caked bags, sore teats, bunching, chapping, cuts or inflamed parts. Per can 60c.

Postage extra.

## EPSOM SALTS

A pure high-grade product. Acts as a mild laxative when fed to poultry and livestock. It should be fed in small quantities.

Lb. 15c; 2 lbs. 25c; 5 lbs. 50c. Postage extra.

## GOLD LEAF TOBACCO

Controls round worms in poultry. Mix 2 lbs. in 100 lbs. of mash. 2 lb. pkg. 30c; postage extra.

## WALKO TABLETS

For the drinking water for the baby chicks, turkeys, ducks or geese, also for older fowls. WALKO TABLETS are powerfully destructive to germ life, yet perfectly safe to give little chicks in their drinking water as soon as they are out of the shell. Used in the drinking water they tend to prevent digestive disturbances and are especially valuable for diarrhea and loose bowel trouble among incubator chicks. Equally as good for treatment of colds, simple catarrh, sneezing and wheezing, also swelling of the head. Small pkg. 50c; large pkg. \$1.00. Postage extra.



## INSECTICIDES and SPRAYING MATERIAL

**ARSENATE OF LEAD**—Used for spraying apple trees to control codling moth, thereby preventing wormy apples. Also recommended for control of all leaf-eating insects on trees, shrubs, flowers and vegetables. Can be used either as a dust or liquid. 4 lb. pkg. 90c. Express extra.

**IRON SULPHATE**—Restores the healthy green color to leaves on shrubs, trees and vines that have turned yellow. Instructions: Spray leaves with a mixture of 3 oz. Iron Sulphate to 1 gal. of water; or may be used in dry form in a circular trench around the trunk of the tree.

Lb. 10c; 3 lbs. 25c; 10 lbs. 75c. Express extra.

### LIME SULPHUR

**LIME SULPHUR**—For dormant spraying in the fall or early spring against scale, peach blight, leaf curl and twig borers use 9-11 tablespoons to one gallon of water. For summer spraying against scab, soot and blotch, use from 2 1-2 to 3 level tablespoons to one gallon of water. Will control red spider and mites.

Lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50  
Express extra.

### "BLACK LEAF 40"

#### WORLD'S LEADING NICOTINE BRAND

##### KILLS POULTRY LICE



Just "paint" the roosts with "Black Leaf 40." The heat from the birds' bodies releases the fumes which kill lice as the flock roosts. Used as a spray, "Black Leaf 40" kills mites.

##### FOR BETTER GARDENS AND FLOWERS

Spray plants with "Black Leaf 40." Kills aphid, thrip, leaf-hopper and many other insects.

**PRICES**—1 oz. 35c; 5 oz. \$1.00; 1 lb. \$2.25; 2 lbs. \$3.35; 5 lbs. \$6.25; 10 lbs. \$11.85.  
Express extra.

### EVERGREEN

**EVERGREEN**—A non-poisonous insecticide. Kills both chewing and sucking types of greenhouse insects. Does not burn or damage the most tender foliage. Has a pleasant odor, is harmless to humans, animals and birds.

Oz. 35c; 6 oz. \$1.00—Express extra

### CARBOLA

**CARBOLA**—(Water mixed white paint and disinfectant.) Comes in powder form and is easily mixed. Can be applied with a brush or spray. Powerful disinfectant, is harmless to man, beast or bird. Will destroy lice, germs, and reduce sickness of poultry and livestock when used. 1 lb. Carbola with 5 gallons of water covers 100 square feet.

25 oz. pkg. 35c; 10 lbs. \$1.50; postage extra.

## HAMMOND'S SLUG SHOT



**HAMMOND'S SLUG SHOT**—For destroying slugs, cabbage worms, turnip fleas, currant worms, etc. There is nothing to equal Hammond's Slug Shot for destroying cabbage worms. Gets them every time and the cost is low. Safe and easy to use, harmless to man or beast. 1 lb. 30c; 5 lbs. 90c; 10 lbs. \$1.65. Postage extra.

### CARCO VEGETABLE SPRAY

**CARCO**—**VEGETABLE SPRAY**—For destroying and preventing maggots, grubs and worms that infest turnips, radishes, beets, rutabagas, cabbage and cauliflower, etc., also recommended for combating crown borers in strawberries.

Pint 85c; quart \$1.25. Express extra.

### SMUT CONTROLS FOR GRAIN

**COPPER CARBONATE**—Is extensively used by the wheat growers of the Northwest for control of smut. This dry process of treatment does not injure germination of the seed, but on the contrary wheat seed treated with Copper Carbonate germinates better than untreated seed. Seed may be treated whenever it is convenient and can be stored away indefinitely without injury. Grain treated with Copper Carbonate will not be attracted by weevil. Rats and mice will not eat wheat that has been so treated.

Our stock of MOCOCO Copper Carbonate is pure, contains 52% copper. Beware of inferior grades as there are many on the market. Two ounces of pure MOCOCO will treat 60 pounds of wheat.

Lb. 30c; 5 lbs. \$1.40; 10 lbs. \$2.75; 25 lbs. \$6.50; express extra.

**COPPER SULPHATE or BLUE VITRIOL**—Used for treating grain to prevent smut, also by stockmen as a preventative and cure for foot rot, for both sheep and cattle.

Lb. 15c; 2 lbs. 25c; 10 lbs. \$1.15; express extra.

**FORMALDEHYDE**—For treatment of seed grain for control of smut, also as a disinfect for prevention of many infections and contagious diseases. Pint 50c; quart \$1.00. Express extra.

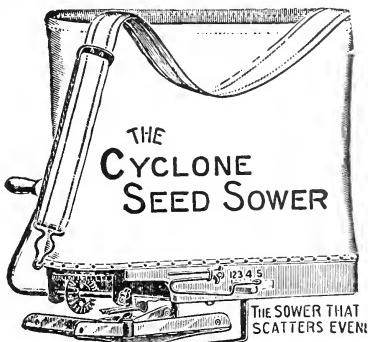
**SEMESAN BEL**—For seed potatoes. Potato diseases cause a loss equivalent to the yield of 1 acre in every 5 or 6 acres planted. Much of this loss can be prevented by treating seed before planting with SEMESAN BEL, the instantaneous dip disinfectant. Effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Protects seed piece from rotting caused by certain soil borne organisms, improves germination and usually produces a bigger crop of better quality. One pound treats 16 to 22 bushels of seed. Prices: 4 oz. 50c; lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$31.25. Express extra.

B - K



The best of all disinfectants for control of poultry and livestock diseases. B-K is a powerful non-poisonous germ killer with 10 times the germ killing power of Carbolic Acid. Yet B-K contains no poison, acid or oil. Has no equal for cure or prevention of Roup, Brooder Pneumonia, Canker, Chicken-pox, Diphtheria, Cholera, White Diarrhea and many other diseases. Highly recommended for disinfecting houses, coops and pens. Quart 90c; gallon jug \$2.00—f o b Burley. Must be shipped by freight or express.

## CYCLONE SEED SOWERS



The finest hand seeder known. Built on up-to-date and correct principles. Will not throw seed upward or against the operator, but direct and evenly on the land. Can be set to sow any amount desired. Sows alfalfa, clover, grass or small grains very satisfactorily.

Price, each \$2.25. Postage extra.

## " Germaco Hotkaps "



### PEAT MOSS

Peat Moss has become of great value in poultry raising for use in bedding purposes. It keeps the house dry, warm and sanitary, and provides a clean and sanitary bedding for the hens to peck and scratch in. Peat Moss is also valuable as a soil conditioner, it adds organic matter, improves the texture and conserves moisture.

Prices: 1 Bale \$6.00; 5 Bales \$27.50

Weight of Bale about 140 pounds

### HOTKAPS

This modern invention has solved the old problem of how to fully protect crops from the elements, and how to "force" their growth so they will mature in time for the early market.

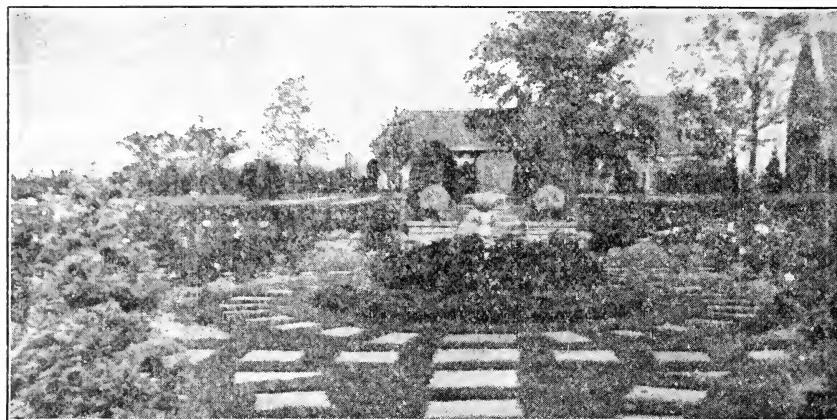
GERMACO HOTKAPS protect plants because they fully cover them. Each plant is in an "individual hothouse"—the only way they can be absolutely safe from frost, wind and rain, insects, ground crusting, etc. With this modern protection crops are hardier, faster-growing, and heavier yielding. They mature from two to three weeks earlier....in time for early market prices and increased profits.

1 ½ c each; 100 for \$1.25; 1000 for \$11.50; 5000 for \$55.00. Postage extra.

### BAGS AND TWINE

**See Us Before Buying Your Bags and Twine, Wool Bags and Fleece Twine**  
**New Burlap Grain Bags, Seamless Bags**  
**Sack Twine**

**WRITE FOR PRICES**



## All Plant Life Must Have Food

Plants, like human beings, require a balanced diet for normal, healthy growth. The lack of a single essential element may be the limiting factor in their growth. Vigoro, the complete, balanced plant food, contains the right amount of each food element necessary to produce rich-green, velvety lawns; large, beautiful

flowers; healthy, full-foliated trees and shrubs; and early, delicious vegetables. It is "the square meal" for all plants."

Clean, odorless, and economical. Vigoro is easy to use. Simple directions for feeding everything you grow accompany each bag or package. Vigoro is used annually on 3,000,000 homes. We recommend it.

*A square meal for  
lawns and flowers  
is 4 lbs. of Vigoro  
per 100 sq. ft.*



The Vigoro Spreader applies Vigoro, grass seed, and other materials evenly and accurately. Write for prices and full description.

**VIGORO**  
*Complete plant food*

A Product of Swift & Company  
"Use Vigoro on Everything You Grow"

Prices:

100-lb. Bag	\$ 6.00
50-lb. Bag	\$ 3.75
25-lb. Bag	\$ 2.00
5-lb. Pkg	.60
12-oz. Pkg	.10

F. O. B. \_\_\_\_\_



## POTTED PLANTS

We specialize in seasonable plants of the choicest varieties for all occasions, and cater to individuals, all lodges and other organizations.

We Give Prompt Service. Our Prices Are Right.

**ALCOMO FEEDS**

Market prices on grain and other ingredients contained in these feeds fluctuate from time to time. Therefore, prices quoted are subject to change without notice. Prices quoted are f. o. b. Burley; postage, express or freight extra.

The ALCOMO line of feeds is surpassed by none on the market regardless of price. The materials used are of the highest quality, the machinery for preparation is complete and up to date, and all new discoveries in nutrition are used as soon as thoroughly proven. Careful calculations are made as to the chemical analysis of all the feeds and samples are regularly tested as a check. They are all highly palatable to the poultry and animals and will get results that will please you. Below you will find a complete list of these feeds.

**ALCOMO BABY CHICK STARTER**

ALCOMO BABY CHICK STARTER is composed of eleven different feeds, each one for a definite purpose. Making a profitable laying hen from a tiny baby chick in 150 days is quite a job, yet it is being done every year in greatly increasing numbers by the use of this starting feed and its companion, ALCOMO DEVELOPING MASH. ALCOMO BABY CHICK STARTER is a complete feed in itself, containing a liberal amount of dried buttermilk, alfalfa leaf meal, Nopco XX Codliver Oil, Sunshine Minerals, wheat germ meal and five other important ingredients. It will develop your chicks so you will be proud of them.

Packed in 10 lb., 25 lb. and 80 lb. bags. Write for prices.

**ALCOMO CHICK SCRATCH**

ALCOMO BABY CHICK SCRATCH FEED is a mixture of cracked grains, screened to the proper size for the baby chicks and contains corn, oat groats and wheat. You will be pleased with this feed.

Packed in 10 lb., 25 lb. and 100 lb. bags. Write for prices.

**ALCOMO BREEDERS' MASH**

The fertility and hatchability of eggs depend largely on the feed used. Extended experiments show that the best hatches and the strongest chicks come from flocks fed a mash containing alfalfa leaf meal, buttermilk, wheat germ meal, codliver oil and minerals. These ingredients will be found in proper quantities in our BREEDERS' MASH, which can be depended upon to get maximum production of first quality hatching eggs.

Packed in 80 lb. bags. Write for prices.

**ALCOMO DEVELOPING MASH**

This mash is one of which we are especially proud. It has year after year prepared pullets for their winter's work, so that they went into the laying house matured, fat and laying profitably at five months of age. Just feed it according to our feeding guide and you will be well along toward a profitable poultry business.

Packed in 80 lb. bags. Write for prices.

**ALCOMO 10% MASH**

This Mash, which contains about 17.5% protein, is fed to flocks receiving a full allowance of sour milk and scratch grain. It contains sufficient green feed in the form of Alfalfa Leaf Meal. No other grains are necessary to constitute a completely balanced ration. When fed will produce eggs of the highest quality at a very moderate cost.

Packed in 80 lb. bags. Write for prices.

**ALCOMO 20% MASH**

This Mash contains more than 21% protein and is fed when no sour milk is available for the poultry. It will amply take care of the vitamine and green feed requirements and produce eggs of the correct grade for the eastern market at a surprisingly low cost per dozen.

Packed in 80 lb. bags. Write for prices.

**ALCOMO BUTTERMILK LAYING MASH**

This Mash is made up for those poultrymen who desire to feed their flocks a milk product but do not have liquid milk. It carries the proper amount of Alfalfa Leaf Meal to provide green feed for the laying flock but will produce eggs with the light colored yolk that are so much in demand on the eastern market.

Packed in 80 lb. bags. Write for prices.

**ALCOMO DAIRY FEED**

ALCOMO DAIRY FEED contains a number of different grains, bran, linseed meal and minerals. It is the proper concentrate ration to be fed with alfalfa hay and can be depended upon to prevent that depraved appetite in cows to eat bones, etc.

Packed in 100 lb. bags. Write for prices.

**ALCOMO CALF MEAL**

ALCOMO CALF MEAL is a milk substitute that is fed in skimmed milk and also as a substitute for milk by gradually decreasing the quantity of milk and increasing the meal. By its use, first class calves can be raised very cheaply.

Packed in 25 lb. bags. Write for prices.

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